



## Missouri S&T Magazine, Summer 1999

Miner Alumni Association

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MSM-UMR

# ALUMNUS

A PUBLICATION OF THE MANHATTAN ASSOCIATION

SUMMER 1999 VOL. 73, NO. 2



**Ted Weise:  
In the  
pilot's seat**



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# MSM-UMR ALUMNUS



## Overnight Success ..... 5-9

25 years ago, FedEx's Ted Weise helped get the overnight-delivery company off the ground. Today he's the pilot.

## Fire at Alpha Kappa ..... 10-11

Fraternity adviser Chris Ramsay, MetE'83, recalls the events surrounding the February fire.

## Don't Call Them Dormies ..... 12-13

Campus leaders are emerging from residence halls.

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## From the Editors—

In today's fast-paced global economy, a company like Federal Express is a fitting example of how a business should be run. Just a little more than a quarter-century ago, FedEx owner Fred Smith not only created a new company, he invented an entirely new industry: the express-delivery business. At his side from those early beginnings was Ted Weise, EE'67, who now pilots FedEx's worldwide operations. In this issue, Weise — who became FedEx's president and CEO in 1998 — discusses the company's brief and brilliant history, and his vision for keeping FedEx flying high well into the next century.

Weise's career benefitted from the FedEx philosophy of hiring people with the right mix of leadership capabilities. As a writer for *Fast Company* recently noted, "One reason why FedEx is a corporate leader is that it is an organization filled with individual leaders." The company's unique hiring and training policies, which Weise describes in this issue, have helped ensure that FedEx keeps its competitive edge.

UMR has looked toward corporate leadership models to help carry out its mission of educating leaders. In this issue you'll also read about how UMR students have put the campus on the map through their innovative leadership activities in the residence halls. Who knows? Perhaps one of today's RAs will join the growing ranks of MSM-UMR alumni who now lead major corporations. For many of today's students, the sky's the limit.



Cover image of Federal Express President Ted Weise.  
Photo courtesy of Federal Express photographer Steve Willis Cook

The MSM-UMR Alumni Association publishes the *MSM-UMR Alumnus* to communicate and reflect the past, current and future interests of the alumni of the Missouri School of Mines and the University of Missouri-Rolla.

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## RELIGION AND SPIRITUALITY

I applaud your spring '99 *Alumnus* issue featuring spirituality and religion. Well done!

*David M. Fallert, ME'68, MS EM'77*

As an alumnus of both UMR and the Muslim Students Association at Rolla (MSA), I would like to commend you on a well-written article. I found Rolla to be a good city, where the majority of people (students, faculty and residents) are extremely tolerant and good hearted. My experience at UMR shaped my character, spiritually and academically. I did go on to get my master's degree from Washington University in St. Louis. If I could do it again, I would have stayed in Rolla.

*Nadim M. Kaakati, EMgt'89  
nkaakati@bechtel.com*

I am elated with the spring 1999 edition of the *Alumnus*. The cover picture and the articles contained within the magazine speak to an issue that is denied and denigrated on most university campuses today. The worldview of each man dictates not only his outlook on life but the way in which he will behave or misbehave in God's creation. You have brought a wonderful balance and inspection of this critical aspect of life for those attending college and for those that have since graduated.

I continue to have warm and fond memories of my years on the UMR campus. The great job done on this issue of the *Alumnus* reaffirms my memories and my desire to have my children attend the university as well.

*Dave Ihms, Chem'78, PhD Chem '87*

I think your spring 1999 *MSM-UMR Alumnus* publication was the best I have seen in a long, long time. Well done!

*James Wylie, EE'45*

I want to commend the writers of the articles on Religion and Spirituality in the spring 1999 issue. While it was a bold step, it was executed with tact, fairness, and intellectual honesty. The quality of the writing was on par with a national news magazine and should be a source of pride to UMR. Apparently, the UMR of today is a far cry from the UMR of the mid-1960s, where swearing and gross conduct was the order of the day. I am most pleased to see that the atmosphere at UMR has taken a giant step forward.

*Richard H. Browne, PhD AMath '68*

It was gratifying to read the articles in the recent issue of the alumni magazine pertaining to the students' interest in various religions. I'm satisfied that a person misses a great deal in life if he has no interest in trying to live the values presented by some religious teaching. "FCA Helps Student Athletes Strengthen Their Souls," by John Kean, was one article. Within the article I did not see a reference as to what the initials FCA meant. Did I miss reading something? As yet I do not know what FCA is. Can you enlighten me?

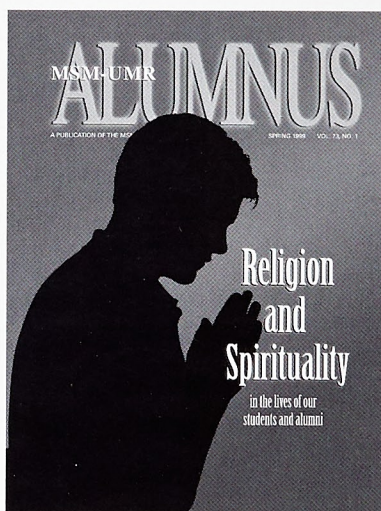
*James W Layman, EE'56*

*Editor's note: FCA is the abbreviation for Fellowship of Christian Athletes.*

As a graduate of Rolla, I receive the *Alumnus* magazine. I also regularly contribute money to my department and the alumni association. Because I was so offended by the spring '99 *Alumnus*, I will no longer make contributions to Rolla.

I live in the heart of the bible belt and am subjected to the religious right shoving their beliefs down my throat on a daily basis. I always took comfort in the fact that my alma mater was not falling for the nationwide religious fad. The latest publication was inappropriate for a state school, which by our constitution should be separated from the church, not printing magazines about it. I cannot express how deeply disappointed in UMR I am.

*Heather Barstad, MetE'90*



## Millennium Arch project

I received the current issue today (3/23/99) and was delighted to see that Scotty Porter is funding a memorial which will be dedicated to his late father, the Rev. G. Scott Porter, who enriched the lives of many of the students at Rolla during his tenure there. He is one of the persons I have fond memories of at Rolla.

*Theodore (Ted) W. Holland, GGph'69*

EDITOR'S NOTE: There was an ink/printing problem with the spring issue of the *Alumnus*. If you received a copy that was not legible and would like to receive another issue, please contact us at 573-341-4260, or via e-mail at [alumni@umr.edu](mailto:alumni@umr.edu).

**Letters to the editor may be edited for length and content due to space limitations.**



## Breaking new ground

### Alumni Donations

Alumni donations for the building project include a \$1.25 million pledge from Fred Kummer, CE'55, and his wife June Kummer, as well as significant gifts from:

Don, CE'60, and Rosemary Gunther  
New Lecture Hall

John A., CE'67, MS CE'68, and  
Susan Mathes, Environmental Lab

Estate of Neil Stueck, CE'43  
Renovated Old Lecture Hall

Vernon T., CE'53, and Maralee Jones  
Material Lab

Reese Construction/Jack B., CE'58,  
and Janice Haydon  
Large Classroom/Asphalt Lab

Jack B., CE'58, and Janice Haydon  
Student Lounge

Burns & McDonnell  
Chairman's Complex

William R., CE'58, and Jo Ellen  
Montgomery Classroom

Raymond R. Betz, CE'66,  
Classroom

James H. Menefee, CE'36, Classroom

Albert L., CE'64, and Margaret Kerr  
Classroom

Alberta Graham Ross and  
Richard G. Ross, CE'59, Classroom

Bechtel Foundation Classroom

Mr. and Mrs. Doyle W. Powell, CE'67,  
Conference Room

The Academy of Civil Engineers  
Conference Room

Associated General Contractors  
of St. Louis Conference Room

Vernon, CE'48, and Mildred Gevecker  
Chair's Conference Room & Reception Area

Wei-Wen and Yueh-Hsin Yu  
Cold Formed Steel Library



### *Alumni, faculty, students turn the shovel at site of civil engineering addition*

UMR broke ground on April 23 for a new addition to the Butler-Carlton Civil Engineering Building. The ceremony was held in conjunction with the UMR Academy of Civil Engineers' annual meeting. Construction is to begin in the fall. Above: turning shovels at the site, are, from left: Robert Mitchell, dean of the School of Engineering; State Rep. Jerry McBride; Paul Munger, CE'58, '61, interim chair of civil engineering; Dick Elgin, CE'74, '76, president of the Academy of Civil Engineers; John Mathes, CE'67, '68, of the UM System Board of Curators; Paul Combs, president of the Board of Curators; Maj. Gen. Joe N. Ballard, MSEMgt'72; Jason Dohrmann, president of the Interorganizational Development Committee; State Sen. Sarah Steelman; and Chancellor John T. Park.

Plans call for construction of a 100,000-square-foot addition to the existing structure and renovations to 43,000 square feet of the existing building. When completed, the structure will house updated and expanded classrooms, new research laboratories, and new and remodeled offices. UMR has secured \$5.5 million in state funds for the \$22.8 million project and is requesting another \$12.7 million from the state. Campus funds and private donations will provide the remaining \$4.6 million.



### Missouri soybean growers fund professorship

UMR may not be known for its agricultural research, but several members of the UMR faculty are gaining a reputation for finding new uses for the Missouri soybean. This innovative soybean research has attracted the attention of soybean farmers throughout the state, and now, the Missouri Soybean Merchandising Council has created a professorship at UMR to support some of this research.

At the March meeting of the UM Board of Curators, held at UMR, Dale R. Ludwig, executive director of the Missouri Soybean Merchandising Council, presented UMR Chancellor John T. Park with a \$550,000 check to support the professorship. The income from that investment will be matched annually by the state of Missouri under the Missouri Endowed Chair and Professorship Program. The result will be funding comparable to a \$1.1 million endowment.

"In today's time of low ag prices, soybean farmers are seeing a need to change the trends in the future," says Ludwig. "We need to develop more demand for our products and retain ownership of the products longer."

The professorship will be housed in the UMR Center for Environmental Science and Technology, where much of the campus's soybean research takes place.

### Doshis support chemical engineering

**Bipinchandra "Bipin" Doshi**, ChE'62, MS ChE'63, and his wife Linda have given UMR a planned gift of \$400,000 to support Doshi's home department of chemical engineering. They have also given a current gift which is helping fund the Frank H. Conrad Chemical Engineering Scholarship Fund in Chemical Engineering. Doshi credits Conrad, a chemical engineering professor from 1936 to 1969, for helping him and other international students with scholastic or personal concerns. Doshi is chairman, president and CEO of Schafer Gear Works Inc. of South Bend, Ind. The company, established by the Schafer family in 1934, manufactures commercial and industrial gears. Doshi purchased the company in 1988.

Doshi is a member of the UMR Academy of Chemical Engineers, and he and Linda are also members of the Order of the Golden Shillelagh.

### Family ties: Rollie Johnson and sons create scholarship for Pi Kappa Alpha brothers

**Rollie R. Johnson**, ME'62, and his four sons have strong ties to UMR, and to their fraternity, Pi Kappa Alpha. All five UMR graduates have extended their ties to the Pi Kappa Alpha brotherhood by creating the Johnson Family Brotherhood Award — a scholarship fund to benefit fellow Pikes.

The five Johnsons created a \$50,000 endowment to provide a minimum of \$2,500 each year in scholarship support for Pi Kappa Alpha members at UMR.

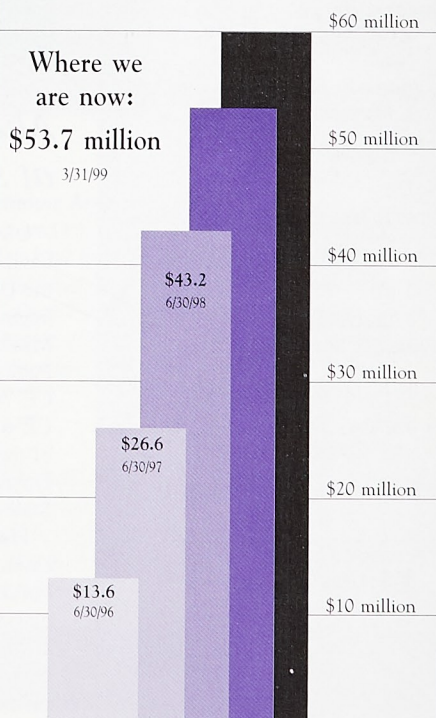
Creating the endowment with Rollie and his wife, **Lois**, were their four sons: **James R. Johnson**, EMgt'90, vice

president-production for Systems Enhancement Corp. of Chesterfield, one of three companies founded or co-founded by Rollie Johnson; **Patrick Johnson**, EMgt'94, a vice president at Systems Enhancement, and his wife **Michelle Johnson**; **Richard Johnson**, ME'83, executive vice president-finance for Systems Enhancement, and his wife **Teresa Johnson**; **Robert Johnson**, EMgt'89, president and co-founder of Systems Enhancement, and his wife **Rhonda Johnson**.

### Patterson bequest will support scholarships

**William E. Patterson**, PetE'53, and his wife Elizabeth have bequeathed \$100,000 of their estate to fund undergraduate scholarships at UMR. Patterson retired from Shell Oil Co. in 1990 following a distinguished 37-year career with the company. Since then, the Pattersons have devoted more time to their hobby of breeding and showing Cardigan Welsh Corgi dogs. Together they edited "The Cardigram," a newsletter for breeders of Cardigan Welsh Corgis, from 1992 to 1996. Patterson's involvement with UMR included a term as a director of the MSM-UMR Alumni Association in 1982.

## FULL CIRCLE UPDATE





# Ted Weise

## Overnight Success

**25 years ago,  
FedEx's Ted Weise  
helped get the  
overnight-delivery  
company off the  
ground. Today  
he's the pilot.**

**By Andrew Careaga  
acareaga@umr.edu**

**photos courtesy of Federal Express**



*The World on Time*



In a business like FedEx, timing is everything. Each day, the company ships some 3.1 million packages — everything from business documents to donor organs needed for transplants. And the majority of these packages, to borrow from a famous FedEx ad slogan, absolutely, positively have to get to their destinations overnight. FedEx relies on its vast transportation network and high-tech tracking system to deliver those shipments on time, practically anywhere in the world.



## Still flying high

Ted Weise still enjoys flying. He owns a Cessna 172 and a Citation. "I fly the Citation quite often," he says. Often on weekends, he and wife Sharon take to the skies to watch their "YZ Partners" Grand Prix show jumping horses perform. They travel internationally when their horses and rider are chosen to represent the United States on the U.S. Equestrian Show-jumping Team. They also visit Rolla often to be with relatives and friends.

The Weises have two children, Chet and Tessa. Chet has a master's degree in economics and Tessa has a bachelor's degree in art history.

Weise is a director for ResortQuest International and serves on the Junior Achievement local, national and international boards. He is a director on the MSM-UMR Alumni Association and recently joined the UMR Board of Trustees. He and Sharon are members of the UMR Order of the Golden Shillelagh.

Timing has been crucial, too, for the career of **Ted Weise**, EE'67. When he first approached FedEx founder Fred Smith about a job in 1972, the notion of creating a company that delivered packages overnight to anywhere in the continental United States was preposterous. (*To everyone but Smith, that is.*) But the idea took flight, growing into one of the world's largest airlines. Today, FedEx employs 145,000 people worldwide and brought in more than \$13 billion in revenues in 1998. Weise got on board the high-flying corporation early; he was Federal Express employee No. 23 when he joined in 1972. In January 1998, he became president and chief executive officer of the company as it marked its 25th anniversary of beginning operations.

Weise's rise to the top wasn't exactly meteoric, however. The man now in charge of one of the world's most sophisticated airline networks had some bumpy flights along the way. But he managed to land the job that led to his current position, thanks to some networking of his own.

Networking has been as crucial to Weise's success as it has to FedEx's. Even as a student at UMR, Weise relied on the network of friends he developed in Kappa Alpha fraternity to help him make it through school. He wasn't the best student while at UMR, Weise admits, but his fraternity brothers helped him get through the academic rigors. It was a lesson in networking that he has not forgotten. "I think that's a major strength, to figure out how to work with others as a team," he says.

Weise's first job after graduating from UMR was with Sun Airlines, a small commuter airline based out of St. Louis. He worked at the airport in Vichy, Mo., a dozen miles north of Rolla, and later transferred to Sun's headquarters. Then the company moved to Memphis, and so did Weise. In Memphis, he coordinated the airline's relationship with the Federal Aviation Administration. But a year after the move to Memphis, and just before Weise married his fiancée, the former Sharon Huffman of Rolla, Sun Airlines went under.

He started looking for a job that would combine his engineering skills with his love of flying, a passion Weise developed while a student at UMR. Some of his Kappa Alpha fraternity brothers were getting pilot training through UMR's Army ROTC program. The idea intrigued Weise,



and he persuaded his parents to foot the bill for private flying lessons through Maples Aviation at the Vichy airport.

After Sun Airlines, he landed a job as a flight test engineer for General Dynamics in Fort Worth, Texas, and flew on the F-111s the company was building for the Air Force. He also decided to broaden his education and worked toward an MBA. After transferring to Eglin Air Force Base in Fort Walton Beach, Fla., Weise completed his MBA studies at the University of West Florida. But as the Vietnam War drew to a close, companies like General Dynamics began scaling back their operations. Weise again found himself without a job.

Those were tough times for Ted and Sharon Weise. Their first son, Chet, had just been born, and jobs in the military-industrial sector were scarce. "It didn't make any difference what kind of an engineer you were," Weise says. "I was even trying to get a job as a science teacher in a high school. The job market was horrible."

He sent out resumes, without success. But his fortunes began to change after he got in touch with an FAA contact from Memphis. The contact, John Wright, whom Weise knew from his days with Sun Airlines, told Weise of a young entrepreneur in Little Rock, Ark., who was rumored to be starting a new kind of airline business. Wright suggested Weise look into it. "He said, 'You really need to get a hold of this fellow,' and of course it was Fred Smith. So I started making phone calls. Of course, no one would return the calls."

Frustrated, Weise moved his family back to Rolla, where they stayed with his in-laws, W.D. "Bud" and Thersa McCall. "We had no place to go, so we picked up our young child — unemployed again — and headed for Rolla. I started flipping hamburgers at the local Dairy Queen," which his wife's parents owned. "So I got reacquainted with Rolla, did a little hunting, a little fishing, some flying for Lee Maples, and continued looking for work and kept really pursuing this Fred Smith thing."

When Weise finally landed an interview, Smith asked why he wanted to work for this new venture. "I said I liked working with planes," Weise recalls, "but Fred didn't particularly like that answer. ... He said, 'I'm so tired of hearing about how everyone loves aviation. I want someone who wants to make some money.' And I said, 'We're on the same wavelength.'"

During the interview, Weise also learned that Smith's vision wasn't for a typical airline, but for an entire new industry that has spawned several rivals and imitators. This "airline" was about moving packages, not people. And it wasn't about moving packages in the normal fashion — in the bellies of passenger airliners. Though it seems old hat today, the idea of devoting a fleet of jets to the overnight delivery of packages was a startling new concept. "It was very, very intriguing to me," Weise says.

So was the sight Weise saw in Federal Express's Little Rock hangar. The company had just purchased 33 French-made Dassault Falcons — 25 new and eight used. Many

of these Falcons had sat for two years in a New Mexico desert, awaiting a buyer. Now they were about to become Federal Express's first fleet of "minifreighters." With modifications, the Falcon could carry 6,500 pounds over a range of 1,400 to 1,800 miles. Inside the hangar, workers swarmed around the Falcons, gutting the passenger cabins. They ripped out passenger doors, replacing them with five-by-six-foot cargo doors, and painted the planes purple and orange.

While workers were readying the fleet, Weise and others got busy drumming up business for the fledgling company. Building a nationwide network from scratch was a daunting task. "Flying the planes," Weise says, "was kind of the easy part."

The tougher part was selling potential customers on the idea. "Say you're the first salesperson for Federal Express," Weise says, "and you talk to somebody down in Jackson, Miss. You go into this guy's business to sell him on why he needs to change his shipping habits of 25 years, which is essentially by truck and occasionally by air. ... You're trying to explain why he needs to change to a little more expensive mode of transportation that would deliver it overnight. And the guy looks at you like you're half nuts." But the FedEx team kept pushing the idea, Weise says, and "eventually the story started to make sense to the customer."

The company's "hub-and-spoke" distribution method, where packages arrived at a central point for sorting then were reloaded onto planes and flown to their destinations, apparently didn't make sense to several potential investors. But Smith put up some family money and managed to secure another \$80 million from investors. This was the largest capital venture start-up in American business at the time.

All this time, Federal Express had been negotiating with Little Rock airport authorities about establishing the company's headquarters there. But Little Rock didn't want to risk millions of dollars on the new company. Memphis, Tenn., however, was willing to bet on the company, and Federal Express moved into an old hangar at the Memphis airport — a hangar once used by Weise's former employer, Sun Airlines.

By March 1973, with a network of 12 cities now in place and a fleet of Dassault Falcons fueled and readied, Smith, Weise and hundreds of other Federal Express employees prepared to test their express-delivery concept. By sunrise after that long-anticipated night, the hub had received a grand total of seven packages. FedEx did deliver all of the packages overnight, but Weise recalls that employees "could have done the sorting in the trunk of a car."

So they went back to the drawing board, revamped their strategy, and took another shot at it on April 17, 1973. This time, 186 packages arrived at the hub in Memphis. FedEx delivered those packages, and has been delivering express packages continuously ever since.

The group of 389 employees who worked that night in 1973 has grown into a global business with more than



145,000 employees worldwide. That small fleet of corporate jets is now the second-largest commercial fleet in the world, with 624 aircraft. FedEx's transportation network also includes 42,800 vehicles and more than 44,400 drop-off locations worldwide. FedEx serves 211 countries, which Weise claims represent 90 percent of the world's gross domestic product. In 1997, following the United Parcel Service's drivers' strike, FedEx expanded its customer base as well as its business operations, merging with \$2.7 billion Caliber System. (Caliber's RPS subsidiary is second in ground shipments only to UPS.)

FedEx is the undisputed leader in the express transportation industry. According to a study by The Colography Group, reported in *Fortune* magazine in November 1997, FedEx holds 43 percent of the market share for express packages and letters sent within the U.S. and from the U.S. to overseas destinations.

Today, in his executive office just a few minutes' drive from the FedEx hub at Memphis International Airport, Weise ponders the future. Models of FedEx aircraft — no longer just Dassault Falcons — line the bookshelves behind him. While the model planes symbolize the importance of FedEx's transportation network, Weise — like Smith before him — knows that FedEx is just as much in the information business. That's why FedEx has stressed that knowledge about cargo's origin, present whereabouts, destination, estimated time of arrival, price and cost of shipment is as important as safe delivery. "The very important thing that our market research has shown us," Weise says, "is that the peace of mind of our customers is just as important as the delivery." Toward that end, FedEx has built an infrastructure of state-of-the-art technology — laser scanners, bar codes, software and electronic networks — alongside its air and vehicle network. FedEx's electronic network conducts more transactions per day than the entire U.S. banking industry.

With Weise now at the helm — he was named president and CEO in January 1998, following a reorganization that put Smith as chairman of the board of FDX Inc., the holding company — FedEx is keeping its competitive edge while exploring new business opportunities. One exciting new opportunity is business-to-business commerce over the Internet, and FedEx — always a leader in technological innovation — is out in front of its competitors in this arena. "The vision we have now," Weise says, "is that with today's Internet technology, any engineer out of Rolla who wants to go to the hills of Colorado and set up his business ... can sit in his mountain home and, through the Internet, communicate with his manufacturer. His manufacturer might be over in Asia, and he could have those raw materials brought in, a product built, and sent directly to the customer — all by electronic communications, using Federal Express to ship both the raw materials and the final product."

Weise's first year at the helm of FedEx has not been without its challenges. Not long after the 1997 UPS walkout, Weise faced the threat of a strike by the FedEx Pilot's Association, the only union employment group. But the union's membership ratified a five-year agreement in February, keeping the company moving and the pilots' compensation packages competitive with other major airlines.

Strike threats notwithstanding, FedEx is renowned for its positive work environment. The company consistently makes *Fortune* magazine's list of employee-friendly companies, and also was listed as one of the 100 best companies in America for working mothers by *Working Mother* magazine. One key to FedEx's success with employees is its sophisticated hiring process. "We do a lot of testing, interviewing and qualifying" of prospective employees, Weise says. FedEx measures applicants on nine "leadership dimensions," including flexibility, dependability and judgment. Any candidate for a managerial post with the company can expect questions seeking to get at these qualities, as well as a screening by a three-person panel. FedEx job seekers are often required to prepare and deliver a five-minute speech before the panel.

Once employees join the company, other factors come into play to keep them with FedEx. Weise is a prime example of FedEx's promotion-from-within policy. "We try to bring in folks that have the ability to move upward," he says. The company promotes open communication — it has its own global satellite television network, FXTV, to keep employees informed of daily company news — and invests heavily in training. "Every courier that works for Federal Express is carrying a computer and has to be computer literate because of the way we operate," Weise says. Moreover, FedEx is almost fanatical about its efforts to involve employees in business decisions — even the design of the company's uniforms. When FedEx decided to redesign the uniforms in 1994, employees from around the world weighed in with their ideas. They completed opinion surveys (distributed in eight languages), critiqued initial sketches and attended 30 focus groups in 15 cities. The new designs express the company's international flavor. Purple, rather than orange, has become the predominant color, being more flattering to a diverse range of skin colors.

All of this falls under a corporate philosophy called "People-Service-Profit," or PSP, to which Weise adheres devoutly. According to the PSP philosophy, a corporate culture that rewards and respects employees will result in employees who deliver exceptional service to customers. That, in turn, results in customers who reward a company with their business and loyalty, creating a profitable business that can provide job satisfaction — as well as job security — for its employees.



The PSP philosophy extends to FedEx's customers, too. "We survey the dickens out of our customers," Weise says. "We ask what's going on, what changes are happening, how can we stay ahead of the changing environment out there, how do we stay ahead of the competition." That attentiveness to customer needs has paid off well. Among FedEx's newest business partners are the National Hockey League and the NHL Players Association, which recently signed a multi-year deal with FedEx. The company also sponsors the FedEx Championship Series, the open-wheel race car championship. Other regular customers include French vintners who require two MD-11s each spring for shipment of their Beaujolais Nouveau to American and Asian markets. "We've carried all kinds of things," Weise says. "We've carried whales, we've carried all kinds of animals. The other day a zoo in Mexico contacted us through one of our board members, and we shipped an exotic bird that was about to go extinct to the zoo."

The company also ships irreplaceable, priceless treasures for museum exhibits, as well as priceless organs needed for life-saving transplants. "Every day there is someone on an operating table waiting for something to be delivered by Federal Express that will save his or her life," Weise says. "Every day there's a business about to go out of business if it doesn't have a transaction completed by noon, and it uses our services to do that. We have this term: the 'golden package.' Every package out there is a golden package to someone, or they wouldn't have used us."

Many new customers turned to FedEx during the UPS strike in the summer of 1997. Weise put the PSP philosophy to work on a large scale during that strike. After the company was swamped with 800,000 extra packages a day, thousands of employees voluntarily poured into the hubs to sort them. Weise, who was executive vice president and chief operating officer at the time, rewarded them with extra pay tied to the profit gained during the UPS strike.

Now that he has moved up to the top position of the 27-year-old company, Weise hopes to be remembered as a president who embraced FedEx's PSP values. "I'd like to think that I led by the appropriate amount of consensus," he says. "In other words, trying to get everyone to be a part of the process. But I'm very conscious of the fact that you can overplay consensus. At some point, decisions have to be made, and I hope that I'm looked at as a leader that builds consensus when I can. And if I cannot, once the decision is made, everyone feels comfortable enough that they've been a participant and that they've had their say-so. So they can all say, 'OK, this is the way we're going, not the way I thought, but I'm in there; let's go.' And it's 100 percent."

"Clearly, the only reason I'm sitting in this office is because I've had great people working with me all along. And that not only has made it fun, but that is also very important to me. Because I've always felt that if I can help them be successful, more successful than myself, then I've got a better shot of doing OK. And it has worked out wonderfully over these 27 years."



## So, about the master's thesis...

No doubt you've heard the one about how Federal Express founder Fred Smith first described his

vision for a new kind of aviation business. It was in a paper he wrote as a grad student at Harvard, right? And the professor gave him a C-minus, didn't he?

That's one of the many apocryphal versions of the story. The school was actually Yale, not Harvard. And the grade is described as "average" by FedEx's official account. Here's the scoop, as told in "How Time Flies: FedEx Delivers the 21st Century," published by Federal Express Corp. in 1998:

*As a political science and economics student at Yale, Smith had written a paper on the logistical challenges facing pioneering firms in the information-technology industry. He saw that no company could afford to keep a full inventory of spare parts for computers and other data-processing machines. Yet as computers became more common, businesses grew reliant upon them and vulnerable to the havoc that an idle machine could cause. Smith concluded that a new system to move parts quickly, overnight and door-to-door, had to replace physical inventories.*

*Perhaps Smith's professor didn't recognize the revolutionary implications of his student's thesis; in any event, the paper received only an average grade. But the budding entrepreneur was not deterred. Smith wanted to start the world's first airline that would reliably meet the needs of the growing numbers of companies in desperate and immediate need of parts.*

The World on Time



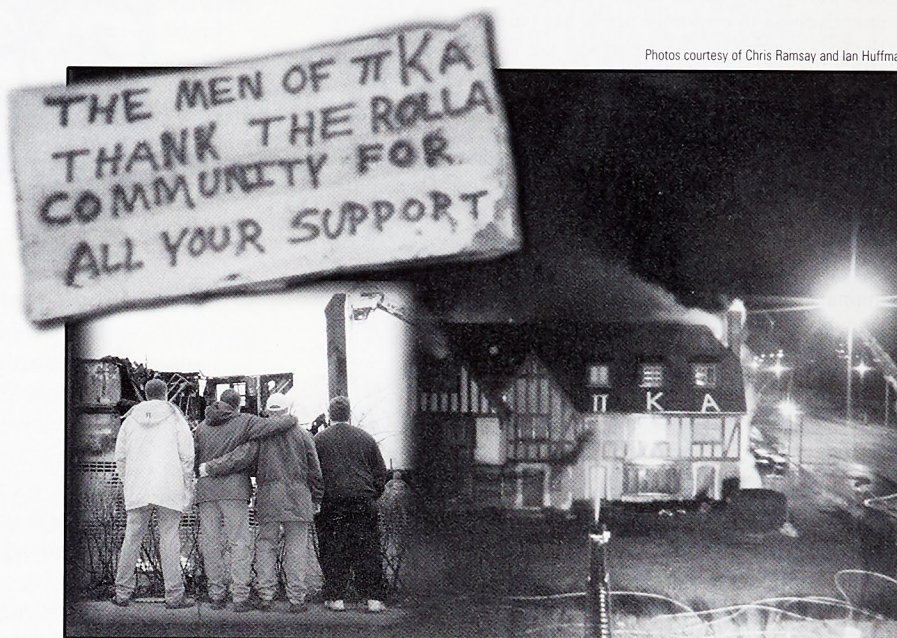
# Recounting the Pi Kappa Alpha

The phone call comes early — 2:01 a.m. The telephone ringing at that time of night always brings bad news and dread. The voice on the other end of the line simply says, "I got a call from one of the boys at the house. There's a fire. It sounds bad." Ten minutes later I am there.

I tell the fire chief who I am, and immediately I'm answering a barrage of questions: Where are the utilities? Where are all the shut-off valves? What is in the house? What is in the basement? How is it laid out? The firefighters are attacking the fire from the basement, inside the house. They start to come out as their air packs give out; they grab new ones as fast as they can, then go back into the house. The bells of the air packs seem both logical and surreal. The bells ringing, and the surreal light from the UMR tennis courts, cast on the street and spilling over towards the Pike house, makes the whole scene seem as if it is a bad dream. How I wish to God it were a dream.

All I want to know is if my boys all got out. We are missing Newman. Where is Newman? Who saw him last? Where could he be? We have to locate him.

The firefighters are driven from the basement and are forced to attack the blaze from the outside. At this point I think, There will not be any way to save the house. The fire has run up between the old lath-and-plaster walls to the attic above the third floor. Firefighters break out the windows on the first floor and start to pump water into the house: 2,500 gallons per minute. Three fire trucks are on the scene. The fire is out of control.



Photos courtesy of Chris Ramsay and Ian Huffman

Eleven brothers were in the house when the fire broke out. Ten of them were on the second and third floors. In his second floor bedroom, Ryan was up late playing games on his computer. He smelled something. He thought it was his computer. When he pulled his desk away from the wall he saw a faint wisp of smoke coming up through the floor around the opening for the radiator pipe. He ran across the hall to wake up one of his brothers. Then the fire alarms went off on the second floor. Immediately the men in the house ran to wake everybody up. They called 911. It was 1:51 a.m. With the alarms blaring, they made sure everybody was awake and on their way out of the house. One man ran down the stairwell to the basement. When he opened the fireproof door he was driven back by smoke and heat. Another man ran down the stairwell to the basement. He too was driven back by smoke and heat. It was impossible for them to get into the basement.

The stairwell and hallways were filling with smoke from opening the door. They were choking and coughing as they fought the thick smoke to get out of the house. The patio on the south side of the house was full of smoke. The ten got out and met in the parking lot for a head count.

Where was Newman?

The night was bitter cold. A wind from the northwest blew across the house. Our neighbors on Ninth Street were evacuated, there was a real possibility that the fire could jump to that house. The UMR police opened the Bullman Building across the street to give us a place to get warm. We stood all through the night, helpless, watching it burn. Some of the men lost everything they had. They lost their home, and the building that had been home to hundreds of men since 1930. More importantly, and painfully, we lost our brother, Jered Newman Adams. Through the night we called every man who lived in the



# ppa Alpha fire

By Chris Ramsay, MetE'83

house, to account for each one. Jered was missing. It was a long and terrible night, followed by a worse day. Through the night, in the cold, I kept thinking that things would be better when the sun came up. I was wrong.

The fire was finally brought under control by about 1 p.m. the next day. The Rolla Fire and Rescue Department broke a hole in the foundation to drain the water from the basement. Firefighters were then able to go in and find the body. They held up a blue tarp, across the patio, in order to shield the view as they took Jered out of the house. The confirmation was there. We stood, numb, crying, wishing this was not happening — but it was. It happened.

Jered died of smoke inhalation. The investigation to determine the cause and origin of the fire was carried out by Rolla Fire and Rescue and aided by the State Fire Marshall's investigative branch and the Federal Bureau of Alcohol, Tobacco and Firearms. The investigation revealed that the fire started in the utility room in the basement on the east side of the house. That room housed the mechanical equipment for the house: a low-pressure steam boiler, water heaters, electrical service. All of the equipment in the utility room was operational and working properly. The investigation concluded that the fire started in some wiring. The fire was accidental.

The house was constructed in three major stages. The original house was built in 1930. In 1962 a large dormitory wing was constructed on the west side and extending to the south, along Highway 63. A large dining hall, known as Wolf Hall, was built in 1988 on the east side of the house, extending to the south.

The 1930 portion of the house is destroyed. The 1962 portion of the house is still standing but is not salvageable. Most of the 1988 portion

of the house is standing and may be salvageable. We have plans to demolish nearly all of the structure as it now stands. A new house will be built on the same site. Construction is set to begin in August.

The new house will look virtually identical to the old house from ninth street. It will be built in the same English Tudor architectural style as the old. The new house will be built with modern techniques. It will be a steel structure with concrete floors on all the levels. We plan to use modern cold-formed steel construction techniques throughout. Construction should be complete in time for the 2000-2001 school year. Concept drawings and floor plans, as well as other information, are posted on our web page ([www.umar.edu/~pika/](http://www.umar.edu/~pika/)).

The Rolla community and the university community have been incredibly supportive. Donations of food, clothing, money, and just about anything we could need in this difficult time have been overwhelming. The fraternities and sororities on campus have been especially supportive by providing temporary housing in the couple of weeks following the fire. In addition, Marriott provided food for the two weeks immediately after the fire. The news media in St. Louis and Springfield covered the tragedy extensively. They were very positive and supportive in their reporting of the events.

The university has allowed us to rent a block of rooms in Holtman Hall across the street from the house.

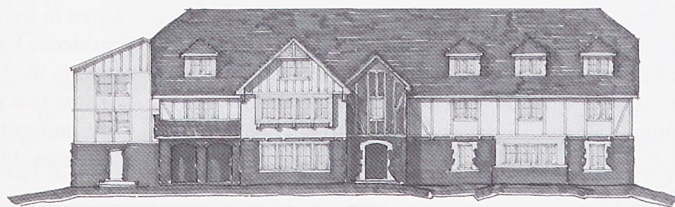
Forty-eight of our brothers will be housed there during the 1999-2000 school year. We are very grateful to the university for allowing us to rent this space as a block, to keep the men together as much as possible. The remaining members will be housed in a couple of homes rented in the Powell Addition neighborhood.

In spite of the negative publicity that seems to always be associated with fraternities these days, the men of Pi Kappa Alpha are an exception. They are expected to be leaders on campus and in the community. They are expected to aim for higher ideals. These are men who have the work ethic, integrity, honor, and maturity to meet those ideals. These are men who are bound together as brothers for life.

The loss of Jered Newman Adams is a disturbing and terrible result of this fire. The loss of the house was just a loss of bricks and mortar. Jered was a light in each of our lives. The men of Pi Kappa Alpha, both active and alumni, are committed to carry on. Since 1905 Pi Kappa Alpha has been a light in the darkness for these men. We owe a debt to the men who have gone before and have an obligation to those yet to come.

The Fraternity can never be the same after the tragic loss of a Brother to the fire. But we will rebuild, we will continue to be part of the MSM-UMR fabric, and we will not allow the light to go out.

*Chris Ramsay is the faculty adviser to UMR's Alpha Kappa chapter of Pi Kappa Alpha and an associate professor of metallurgical engineering.*





# Don't call them dormies

*Increasingly, campus leaders are emerging from residence halls*

*by Lance Feyh (lfeyh@umr.edu)*

College students who would like to take refuge from the world by hiding out in their dorm rooms might not enjoy residential life at UMR. Just ask students like **Marty**



**Kofsky**, a senior who serves as co-chair of the Residence Hall Association. "We like to keep our doors open and talk to our neighbors," Kofsky says. "Dorms are where you eat and sleep. We want to make the rooms more like residence halls and less like dorms."



And they've done just that, building a sense of community in the residence halls. At UMR, residence hall leaders like Kofsky, a management systems major from Creve Coeur, Mo., don't feel confined by the walls in their rooms — rather, they're moving about the wider community and



gobbling up chances to get involved on campus as fast as they can. About 40 percent of the students who live in UMR's seven residence hall buildings are active in hall government in addition to other extra-curricular

activities, according to **James Seville**, assistant director of residential life.

"These are highly motivated, highly-gifted students — which makes my job easier," he says.



One of Seville's many jobs is to empower students to govern themselves as they accept a greater degree of responsibility on campus. It seems to be working; most of the students in question aren't shy about devoting time to leadership roles.

Students from residence halls have painted Rayl Cafeteria, participated in St. Pat's Week activities, and planted flowers outside of their buildings as part of a community enhancement referendum. "We need to take pride in where we live," says Thomas Jefferson Hall President **Marie Vogan**, an aeronautical engineering major from St. Louis. "People say I'm from St. Louis, and they're right. But I live in Rolla nine months out of the year."

**Patrick Painter**, EMgt'99, was a head resident assistant during his recently completed senior year. He says the biggest concerns of RAs are, first, to find people who want to become more involved in residential life and then, to help them become leaders. One of these students is **Jeremy Pepper**, a junior from Albuquerque, N.M., who has served as an RA for the past two years. Pepper points to the annual residential life Christmas decorating contest as an activity that helps new students feel more at home. "The contest is really nice, especially for freshmen," he says. "For most of them, this is the first time they've been away from home during the holidays."

Students are required to live on campus — either in residence halls or in approved housing within the Greek system — during their first two years at UMR. But there's no animosity between the separate systems. In



February, after the Pi Kappa Alpha house was destroyed by fire, head RAs Painter and **Anne Cannady**, an engineering management major from El Paso, Texas, set up tables to collect supplies and donations for displaced fraternity members. "We don't compete with Greeks," Seville says. "A strong Greek system works well with a strong residence system on traditional campuses. Students thrive wherever they feel more comfortable; and when students feel more comfortable, our retention rates are higher."

Pepper, a metallurgical engineering major, says he was inspired to get more involved in residence hall activities two years ago when students from TJ Hall broke a world record for the longest paper chain — a 40-mile-long chain that is



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Photos by Bob Phelan/Photomasters



*For residence hall leaders at UMR, balancing individual aspirations with the larger concerns of the student population can be a difficult challenge. Still, hard-working hall leaders say they find a lot of time for fun and games. During Residence Hall Week last April 9-16, students played Mega-Twister (above) and participated in a pie-eating contest (right).*

now listed in the Guinness Book of World Records. Determined to set a new record, Pepper and a group of students recently wrote Guinness about making the world's longest stuffed animal — a stuffed snake, to be specific, that might be incorporated in a future St. Pat's celebration.

By working together to make the college experience a memorable one, students here have built a reputation for having one of the strongest residential life programs in the Midwest. At the Midwest Affiliation of College and University Residence Halls' annual leadership development conference, held last November, UMR competed against 61 other schools and won six awards out of the 10 annually given. Seville attributes that success to an available pool of potential leaders and a system that is designed to empower them — a system which, in turn, produces graduates with strong leadership skills.

Among the winners at the annual conference were Painter, who received the Distinguished Service Award, and Cannady, who won the 1998 National Residence Hall Honorary Outstanding Member of the Year Award. Cannady says her experience as an RA has boosted her confidence when it comes to career aspirations. "When job recruiters ask me questions, I don't have trouble thinking of times when I worked with a team and exhibited leadership potential," says Cannady, who is working at General Motors this summer as she prepares to enter the job market full-time upon graduating in December.

**Abere Karibi-Ikiriko** is another student leader who goes out of her way to be outgoing. She has so many responsibilities — in addition to being head RA

for the upcoming school year — that she can hardly find a moment to relax. Karibi-Ikiriko, a biological sciences major from Nigeria, has been involved with hall government since she came to UMR. She also is a volunteer with Habitat for Humanity and at the Phelps County Regional Medical Center. Next fall, Karibi-Ikiriko will enroll in medical school at Yale University. "Hall government really gave me the leadership skills to do all this other stuff," she says. "One thing I have learned as an RA is how to deal better with people and how to really care about them."

According to Seville, the success of the residential life system at UMR can be directly attributed to self-governing, which tends to reward students. For example, residence hall leaders have managed to initiate programs that promote greater access to faculty members. Each fall, students can now meet their professors at informal student-faculty mixers organized by hall leaders. At least one professor, **Nicholas Knight** of the English department, periodically teaches courses on location at residential life buildings. These course offerings were made available as a direct result of hall government efforts.

Seville operates under the notion that the students know best, and that leadership skills are learned by trial and error. "I'm constantly amazed at the level of responsibility and commitment the people here exhibit," he says.





# Drama fit for a king



Linda Kaufman and  
Nicholas Knight

Photo by Bob Phelan/Photomasters

**D**id William Shakespeare write *King Lear* as an object lesson for England's King James? According to UMR student **Linda Kaufman** he did.

Kaufman, a junior in English who plans to go to law school after graduation, relies on her legal instincts, intensive research and the expertise of UMR Shakespeare expert **Nicholas Knight** to argue that the bard used the famous tragedy to teach King James a thing or two about running a family — and a country.

In a paper presented last October at Saint Louis University, Kaufman cites evidence from the 1608 quarto of *King Lear* to argue that Shakespeare and his troupe first performed the play at King James' Whitehall Palace in 1606, rather than at the Globe Theater, where Shakespeare's new plays normally premiered. In "Manuscript Evidence for Shakespeare's Royal Performances: 1603-1613," Kaufman and Knight point to text from the title page of the first quarto of *King Lear*. That text, published in 1608 and now housed in the Folger Shakespeare Library in Washington, notes that *King Lear* was "played before the King's Majestie at Whitehall (King James' palace) upon S[t.] Stephens night in Christmas Hollidayes/By his Majesties servants playing usually at the Globe/on the Bankside." The phrase "playing usually at the Globe" indicates that the premier performance of *King Lear* was not held at the Globe Theater, but at Whitehall. Shakespeare led the "king's players" during King James' reign. The troupe's *St. Stephen's Night* (Dec. 26) performances traditionally were new plays performed for the king. They were "directed toward King James' personality, family or personal concerns," Kaufman writes.

"Shakespeare wanted King James to be a good and lawful person," says Kaufman, whose interest in Shakespeare stems from her plans to study law after graduation. "In order to help him, he would write plays that would appear to be about Shakespeare's own life but that also closely paralleled the king's. It was a method to try to help teach King James without being very brusque about it."

Kaufman's paper was presented at Manuscripta: the 25th Saint Louis Conference on Manuscript Studies at Saint Louis University's Vatican Film Library in St. Louis. She conducted her research through UMR's Opportunities for the Undergraduate Research Experience program.

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To register, please call 573-341-4229 with your credit card information or send a check made out to UMR for \$30 to: Marcia Ridley, Career Opportunities Center, Norwood Hall, 1870 Miner Circle, Rolla, MO, 65409-0240

a public service announcement

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As part of the upcoming Alumni On-line Community, we have entered into a partnership with EarthLink, an Internet service provider. As members or friends of the MSM-UMR Alumni Association you are eligible to sign-up for this service. The \$25 start-up fee is waived and you pay \$9.95 for the first month of service and \$19.95 per month thereafter.

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For more information about any of the articles in this issue of the *MSM-UMR Alumnus*, please contact the Office of Public Relations at 573-341-4328 or [newsinfo@umr.edu](mailto:newsinfo@umr.edu).



## MEP kicks off its 25th Anniversary

During the 1999 National Society of Black Engineers' Convention, held March 24-28, in Kansas City, Mo., the Minority Engineering Program (MEP) held a reception to kick off the celebration of its 25th anniversary on Thursday, March 25. The UMR/MEP reception was sponsored by Hoechst Marion Roussel and was attended by approximately 200 people consisting of UMR alums, prospective students and parents, corporate supporters, and current UMR students and staff. The Minority Engineering Program staff was delighted to have the opportunity to interact with their friends and supporters.

Pictured, from left to right: Craig Jefferson, global buyer, ALCOA-Newburgh, Ind.; Floyd Harris, director of MEP at UMR; Paul Bryant, potlining and services area manager at ALCOA-Badin Works; Chuck Buel, chief electrical engineer, ALCOA-Bettendorf, Iowa.



## Student research in the spotlight

The phrase "publish or perish" is often used to describe the competitive world of academia, where it's never too early to start making a name for yourself. If that's the case, then several UMR students are getting a head start on the competition, publishing in various journals and competing in research competitions.

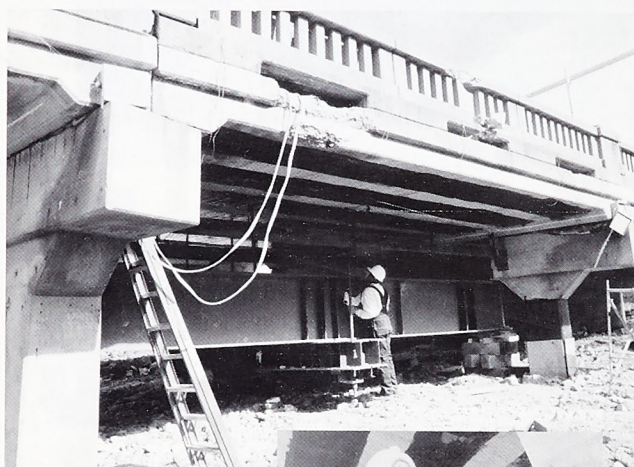
Among the several UMR students to be recognized for their research are the following:

- ◆ **Keith Winkler**, a junior physics major from St. Louis, co-authored a paper that appeared in the November 1998 edition of *Physical Review Letters*. The publication came about through a joint effort with researchers at Griffith University in Brisbane, Australia. The Australian physicists conducted the atomic experiments and Winkler performed all the theoretical calculations associated with their findings. The results — which described what happens when an isolated sodium atom simultaneously encounters a laser beam and a beam of electrons — were subsequently published in *Physical Review Letters*. "It's thrilling to see my name next to some of the biggest names in the field," says Winkler, one of the paper's seven co-authors. He and Curators' Professor of physics Don Madison now are working on another project with scientists from Flinders University of South Australia. The group recently submitted a paper for publication, and this time Winkler's name appears as the paper's lead author.
- ◆ **Brian Groff** of Albuquerque, N.M., a senior mining engineering student, became the first UMR student to win the Society for Mining and Metallurgy Exploration's Outstanding Student Paper Contest, undergraduate division. Groff won the 1998 award for his paper concerning water runoff from salt storage pads of mining facilities. He wrote the paper last summer while doing research at the Cayuga Mine in Lansing, N.Y.
- ◆ **Brian Miller** of Judsonia, Ark., a graduate student in civil engineering, won the inaugural research competition sponsored by the American Concrete Institute's Missouri Chapter. The competition, held in February, involved presentations by students conducting research related to concrete. Miller works with the Center for Infrastructure Engineering Studies at UMR.
- ◆ **Eric Pape** of Moro, Ill., a senior chemical engineering student, took first place in a national student research paper competition sponsored by the American Institute of Chemical Engineers. Pape's research paper, which discussed a method for separating light gases, took the top prize at AIChE's National Student Poster-Paper Competition, held during AIChE's annual conference Nov. 13-17 in Miami. The presentation was based on research he conducted last summer at the University of Colorado-Boulder. His 10-week research program was funded by the National Science Foundation's Research Experience for Undergraduates program. Pape also received a fellowship from Phi Kappa Phi honor society. He plans to pursue a Ph.D. at California Institute of Technology.
- ◆ For the second year in a row, **Michael Mayer** of Maryland Heights, Mo., a senior in electrical engineering, won the Student Paper Competition sponsored by the St. Louis Section of the Institute of Electrical and Electronic Engineers (IEEE). This year's award-winning effort, "Designing a Peripheral for the Personal Computer," describes Mayer's development of a computer application that makes a PC function as an oscilloscope to measure electrical signals. The project was developed by Mayer and four other UMR electrical engineering students for their Digital Signal Processing class. The next step for Mayer is a competition among students from schools in Missouri, Illinois, Kansas, Iowa and South Dakota.



## UMR engineers explore new materials for bridge work

Photos by Bob Phelan/Photomasters



Above: UMR engineers recently conducted tests-to-fail on bridge J857. Such tests help engineers learn how to reinforce bridges.

Right: Steve E. Watkins (left), associate professor of electrical engineering at UMR, with Antonio Nanni, the Vernon and Maralee Jones Professor of civil engineering.



According to Ecclesiastes, there is a time to tear down and a time to build. This past spring, UMR engineers were busy doing both. On campus, they were building a new kind of bridge. Ten miles outside of Rolla, they were tearing an old one down. Both efforts were part of a broader research initiative to test strong, lightweight materials that could one day replace, or at least fortify, concrete and steel. The research is being conducted through UMR's Center for Infrastructure Engineering Studies, one of the campus' newest research centers.

On campus, researchers are building a bridge for the 21st century. The structure — it replaces a wooden footbridge at the Trace area east of the Curtis Laws Wilson Library — contains no concrete or steel. It is made out of

a composite material — carbon reinforced with glass fibers — and is equipped with electronic and optical sensors that warn engineers of any potential structural problems.

"This bridge is a demonstration project as well as a working laboratory, so that our students can see how a real, 'smart' composite bridge works," says Steve E. Watkins,

EE'83, MS EE'85, associate professor of electrical engineering at UMR and the principal investigator for the research project. The teaching and research project is funded by the National Science Foundation.

This summer, Watkins and his colleagues plan to work with the

Missouri Department of Transportation and the U.S. Navy Center of Excellence for Composites Manufacturing Technology (CECMP), through the Lemay Center for Composite Technology in St. Louis County, to design three similar bridges in Wellston, Mo., for automotive traffic. Watkins and his co-investigators also are designing two new interdisciplinary courses to go along with the bridge-building project.

The bridge-dismantling project, meanwhile, involved at 67-year-old structure known as Bridge J857 on old Missouri Highway 72 about 10 miles east of Rolla. The Missouri Department of Transportation turned the old bridge over to UMR researchers after a new section of Highway 72 was opened to traffic last December. UMR engineers, led by Antonio Nanni, the Vernon and Maralee Jones Professor of civil engineering at UMR and director of UMR's Center for Infrastructure Engineering Studies, reinforced the bridge with the same carbon-and-glass composite materials used to construct the footbridge on campus. The materials hold promise as an affordable means to strengthen bridges and other concrete structures, Nanni says. The sheets of fiber-reinforced polymers can be "wallpapered" over a damaged portion of a structure or wrapped like bandages around concrete pillars.

Nanni believes such materials could help solve the nation's infrastructure problems. They are lighter than steel reinforcement bars, yet stronger and more durable, and they may be cost-effective over the long run, he says. "In the repair and rehabilitation of building and civil infrastructure, these FRP materials may be very competitive on a first-cost basis. Composites are also much more durable than steel, as well as lightweight and, we hope, corrosion-free. However, we have not yet fully determined the durability of these materials for construction-type applications."

Bridge J857 is the first FRP-reinforced bridge in Missouri to undergo such testing. If the composite material performs as expected, it could be used to undergird similar bridges throughout the state. Engineers from MoDOT and the University of Missouri-Columbia are assisting in the research effort.



# St. Pat's Best Ever 1999



Photos by Bob Phelan/Photomasters



## Dedicated Runners Need

## Dedicated Supporters

The Miner Track  
teams have not  
been able to host  
a meet in over  
20 years because of  
inadequate facilities.

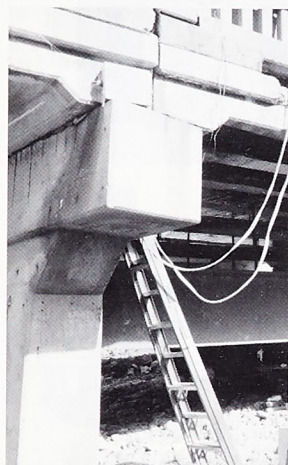
# It's time they did.

MSM-UMR Miner Track Campaign



## **UMR engineers explore new materials for bridge work**

Photos by Bob Phelan/Photomaster



*Above: UMR engineers recently conducted tests-to-fail on bridge J857. Such tests help engineers learn how to reinforce bridges.*

*Right: Steve E. Watkins (left), associate professor of electrical engineering at UMR, with Antonio Nanni, the Vernon and Maralee Jones Professor of civil engineering.*

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# **It's time we built an all-weather track.**

**The Miners have the opportunity to host the  
MIAA Championship Meet in 2004 ... if they have a track.**

**Every MIAA conference school that sponsors track has an  
all-weather track and hosts meets ... except UMR.**

**Varsity and intramural track practices are held at the  
community track at the Rolla Junior High School.**

## **We need your help**



**MSM-UMR Miner Track Campaign**



# St. Pat's Best Ever 1999

Photos by Bob Phelan/Photomasters





## UMR, CITY OF ST. LOUIS ARE NOW PARTNERS

UMR has long had a St. Louis connection, but now it's official: UMR and the City of St. Louis are partners. In February, the city and the university entered into a partnering agreement that will help the city improve its infrastructure while providing new opportunities for UMR students.

The agreement — signed by UMR Dean of Engineering **Robert Mitchell** and St. Louis Mayor **Clarence Harmon** — calls for cooperation on infrastructure engineering issues, research and development efforts, economic development, and engineering training programs. The training includes an internship program with the city to encourage students to enter public-sector engineering. "UMR is one of the largest suppliers of high-tech college graduates to St. Louis," Mitchell says. "We want to attract the students of St. Louis to engineering careers so they can contribute to society's needs and challenges. And we want to enhance the economic development of the city and region through education and the application of new technologies."

**James E. Koch**, PhD EMgt'93, coordinated much of the work between UMR and St. Louis that led to the partnership.



# UMR

UNIVERSITY OF MISSOURI-ROLLA

## UMR research featured in *Science*

A UMR research team led by **Jay A. Switzer**, Curators' Professor of chemistry, have made the serendipitous discovery that single-crystal films of an important ceramic normally stable only at extremely high temperatures can be grown at 65 degrees Celsius using an electrochemical method and handled at room temperature. Switzer and his co-researchers, **Mark G. Shumsky** and **Eric W. Bohannon**, reported their findings in the April 9 issue of *Science*.



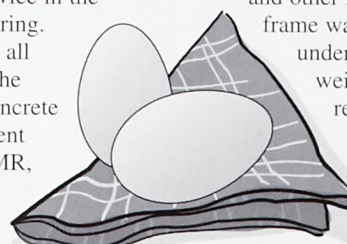
Photo by Bob Phelan/Photomasters

The ceramic, cubic bismuth oxide, is expected to be useful in fuel cells and sensors and for separating oxygen from air because it has the highest oxide ion mobility of any known material. But before the UMR team made its discovery, the cubic form of bismuth oxide had never been observed at room temperature — only above 729 degrees Celsius.

Working in UMR's Graduate Center for Materials Research, the UMR team used electrodeposition at 65 degrees Celsius to grow black cubic bismuth oxide films on cubic single-crystal gold substrates from an alkaline solution.

## An egg-straordinary achievement

Incorporating a bit of St. Pat's aesthetics in their effort, six UMR students created the best egg-protection device in the nation this spring. The students, all members of the American Concrete Institute student chapter at UMR, finished second in the ACI's annual international egg-protection device competition, held in March in Chicago. A university from Mexico won first-place honors.



The UMR team built a reinforced concrete frame according to specific weight, size and other requirements. The frame was to protect an egg underneath it from dropped weight. The group also received an award for aesthetics for the device, which included a rainbow, pot of gold and leprechaun

in its design, in keeping with UMR's St. Pat's tradition. This was the second consecutive year that the UMR team placed second in the competition.





Photo by Bob Phelan/Photomasters

## Something there is that loves a poetry wall

"Write what's in front of your nose," exhorted the doctor-turned-poet **William Carlos Williams**. During National Poetry Month in April, dozens of UMR students did just that.

What was in front of their noses — and just outside the English department on the top floor of UMR's Humanities-Social Sciences Building — were some 160 words on magnets. The students took those words and turned them into poems — not for an assignment or a grade, but for fun. At the same time, they were getting exposure to a literary form that can strengthen their communications skills, says **Michelle Paulsen**, a lecturer in English who came up with the poetry board idea.

"It's an interesting way for people to get involved with poetry who otherwise would not," says Paulsen, whose book of poems, *What Wells Up*, was published in 1997 by Mellen Poetry Press of Lewiston, N.Y. Throughout the month of April, day and night, students moved the magnetic words around on the metal poetry wall to form poems of all shapes, sizes and lengths. "You leave one evening and come back the next morning and it changes," Paulsen says.

The poetry wall consists of three metal panels rescued from UMR's surplus property and two Magnetic Poetry Bumper Poet kits, which Paulsen purchased. Each kit contains 80 or so words attached to magnets. Paulsen stenciled new words onto one set, giving UMR students more than 160 words to choose from.

Students from all disciplines have found themselves drawn to the wall. Perhaps it's turned their concept of poetry on its head — from something abstract to a more concrete, more tactile, more malleable art form. Perhaps the poetry wall is helping even engineering and science students discover what William Carlos Williams — himself a man of science — meant when he said poetry should be "no ideas but in things."

The board hasn't stopped many students from creating poems in the more traditional manner. In April, the UMR English department sponsored its second annual poetry contest. The contest garnered 76 entries. First place went to **Cheryl Espinosa**, a senior English major from Rolla. Second place went to **Mark Egley**, a junior in geology and geophysics from St. Peters, Mo., and third place went to **Maleika Patterson**, a senior in management systems from Kansas City, Mo.

## UMR, Germans share energy ideas

**Johnny N. Ortiz**, manager of international outreach for UMR, spent five weeks in Germany this spring exchanging energy-management ideas with educators from that nation. Ortiz was in Germany from April 5 through May 7 to conduct research in the field

of international energy efficiency. His visit was sponsored by the German Academic Exchange Service (DAAD), a consortium of German colleges and universities.

While there, Ortiz also discussed the energy-management projects led

by UMR's Industrial Assessment Center. He spoke at the University of Oldenburg, the Bremen Institute of Energy and the University of Karlsruhe.

## Bridge-building students test their metal, head for national championship

A team of UMR civil engineering students headed for Anchorage, Alaska, in late May to take part in a national bridge-building competition after winning a regional competition. The UMR bridge-builders took first

place in the Mid-Continent Section's Annual Steel Bridge Competition, sponsored by the American Society of Civil Engineers and American Iron and Steel Institute. The students were required to build 17-foot steel

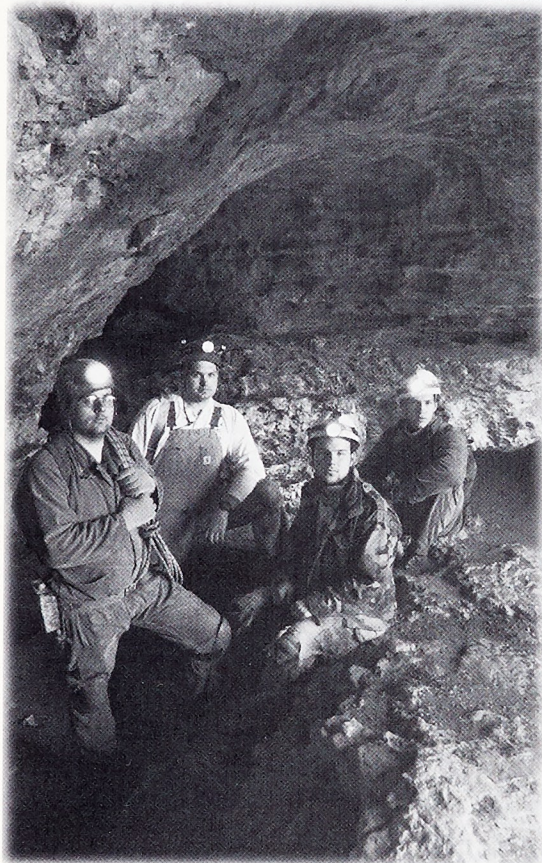
bridges designed to withstand weights of up to 2,500 pounds. Their efforts were judged according to the speed of construction, bridge weight, cost, capacity, capacity-to-weight ratio and aesthetic value.



# Spelunkers explore consulting opportunities

When software maker Compuware wanted to find the right location for its latest advertising campaign, the company picked the cave state — Missouri. But the company's

Photo by Bob Phelan/Photomasters



In the spotlight: spelunkers Kenny Sherill, Jon Isaacson, Kally Gehly and Trevor Stroker.

production crew needed some assistance finding the right cave, and getting around in one, so they picked a group of spelunkers from UMR as consultants.

Three current UMR students, one alumnus and one Rolla resident — all members of the MSM Spelunkers, Missouri's oldest caving club — spent a week last fall as consultants for Compuware's latest national print and television ad campaign.

Compuware promotes its software as being suitable to hostile business environments. Its advertisements often picture people in dangerous situations — a mountaineer in a blizzard, a swimmer in shark-infested waters and, in this case, a caver exploring uncharted territory. The images are designed to convey the importance of having the right software to get a company through rough business terrain.

Compuware hired the UMR cavers as consultants "to make sure everything looked right, that the actor had dirt on him in all the right places," says **Jon Isaacson**, GeoE'98, of Kansas City, Mo., treasurer of the MSM Spelunkers. Isaacson is pursuing his master's degree in geological engineering and a bachelor's degree in economics at UMR.

Last October, club member **Rob Tayloe**, MetE'98, of Rolla, got a call from @radical media, the Boston-based production company hired to film the Compuware ads. Tayloe and **Kenny Sherill** of Rolla, the caving club's rescue chair, met with the crew and worked on arrangements for filming. The crew ended up filming in Onondaga Cave, a commercial cave operated by the Missouri Department of Natural Resources. The cave is located near Leasburg, Mo., about 35

miles east of Rolla. UMR students **Kally Gehly** of Blue Springs, Mo., a sophomore electrical engineering major, and **Trevor Stroker** of Raymondville, Mo., a sophomore geology and geophysics major, worked with the crew for four days on filming the commercial. "A lot of the people representing the company and working for the film crew had never been in a cave before," Stroker says.

The film crew soon learned to appreciate the cave's fragile

environment, Stroker adds. "The crew had a lot to accomplish in a short amount of time," he says. "Rushing around in any difficult environment can cause accidents, so we had to guide them to be very safety-conscious. Everyone was required to wear helmets and proper clothing."

While Stroker and Gehly worked with @radical media on the TV ad, Isaacson worked with still photographers and an actor in a private cave in Pulaski County to create the print advertisement. In both locations, the students stressed the importance of leaving the cave in its natural state.

"Some of the areas that were being filmed took hundreds of thousands of years to form, and could have been destroyed by one careless act," Stroker adds. "This was taken into consideration and given top priority by both the film crew and ourselves. So even though hundreds of pounds of equipment were set up in small delicate spaces, we had no unfortunate accidents."

The print ad, which features a man standing at the entrance of a Pike's Peak cave in Pulaski County and is photographed from within the cave, has appeared in national publications such as *The Wall Street Journal*, *Fortune* and *Business Week*. It also has appeared in international publications, such as *The Economist*. The TV ad, which shows a caver wading through the waters of Onondaga Cave, began running in January on cable television channels such as the History Channel and CNN.

The MSM Spelunkers has 55 members, and is the oldest caving club in Missouri. Although UMR students had an informal caving club as far back as the early 1900s, the MSM Spelunkers became an official campus organization in 1949. In 1953, the club became part of the National Speleological Society, and in 1956 the MSM Spelunkers became a founding club of the Missouri Speleological Survey.



## Faculty notes

★ **Dan Armstrong**, Curator's Professor of chemistry, received one of the highest honors in the field of chemistry - the 1999 American Chemical Society (ACS) Award in Chromatography - during the society's national meeting in Anaheim, Calif., in March. Among Armstrong's inventions are Chirobiotic columns, cyclodextrin columns, gas separation columns and a process for bubble separation. He also co-hosts the "We're Science" radio program, which is produced by UMR's public radio station, KUMR, and is heard on more than 140 stations nationwide and on Armed Forces Radio Network.

★ **David Summers**, Curators' Professor of mining engineering, was named a 1999 Distinguished Member of the Society for Mining, Metallurgy, and Exploration (SME) during SME's annual meeting in Denver. Also director of two UMR research programs — the Rock Mechanics and Explosives Research Center and the High-Pressure Waterjet Laboratory — Summers is well known for his work with high-pressure waterjets.

★ **Paula Lutz**, LSci'76, associate dean of the College of Arts and Sciences and associate professor of biological sciences, was named UMR's 1999 Woman of the Year during an annual luncheon on campus in March. Lutz was cited for her work with the annual "2 + 2 in the Laboratory" program for Girl Scouts, which is designed to promote interest among girls in mathematics, science and technology. She also was commended for her research

to determine the possible effects of lead on children's developing immune systems. The research is supported by the National Institute for Environmental Health Science.

★ **Shahla Keyvan**, associate professor of nuclear engineering, presented a paper on Adaptive Resonance Theory (ART) at the 1999 International Work-Conference on Artificial and Natural Neural Networks (IWANN) in June in Alicante, Spain. Keyvan has gained international recognition on her ART work. The theory focuses on one of the most complex patterns of the artificial neural networks. Keyvan also wrote an article on "computerized monitoring" for the recently released John Wiley Encyclopedia on Electrical and Electronics Engineering, published by John Wiley & Sons Inc.

★ **Joseph E. Minor**, a research professor in the Graduate Center for Materials Research and former chair of civil engineering, received the 1999 Distinguished Service Award from the National Hurricane Conference (NHC) in April. The award recognizes Minor's efforts to increase awareness about the need for hurricane-resistant building practices throughout hurricane-prone regions of the United States.

★ **John W. Wilson**, chair of mining engineering, was named the 1998 Professor of the Year by the National Stone Association (NSA) during the association's annual convention in March in Las Vegas. He was specifically recognized for his leadership in preparing students for a career in the aggregates industry.

## Engineering management degree goes statewide

Engineers throughout the state will soon be able to pursue a UMR master's degree in engineering management without having to travel to campus.

This fall, UMR will begin a video-based master's degree that will be available at several venues throughout the state. Five state universities — Central Missouri State University in Warrensburg, Northwest Missouri State University in Maryville, Southeast Missouri State University in Cape Girardeau, Southwest Missouri State University in Springfield and Truman State University in Kirksville — will offer the degree on their campuses. In addition, the degree will be offered through the University of Missouri System's seven Telecommunication Community Resource Centers and the other three UM campuses. The TCRCs are located in Camdenton, Kirksville, Mexico, Nevada, Park Hill, Poplar Bluff and Reeds Spring. UMR courses also will be offered over the Internet in the future.

"The degree program is designed for working engineers who want to further their education, so flexibility is an important component of this program," says UMR Chancellor **John T. Park**. "We'll use all the available technology at our disposal to meet the needs of individuals in businesses and industries all across Missouri."

Current and previous off-campus engineering management offerings — at 3M in Columbia and Boeing and the UMR Engineering Education Center in St. Louis; in Jefferson City, Kansas City and Springfield; and at the Army Engineering School at Fort Leonard Wood, Mo. — attest to the demand for the master's degree program, says **Henry Wiebe**, interim chair of UMR's engineering management department.

The effort is supported by the state Mission Enhancement program, which provides state funds for universities to broaden their areas of excellence to better serve Missourians and the needs of society.



### Aerospace students get a lift, place second in national contest

Seven UMR aerospace engineering students (pictured at left) got a lift this April, after they placed second in the Society of Automotive Engineers' Aero Design

East Competition. It was the highest finish ever for UMR students. The students designed a radio-controlled aircraft that was required to take off and land while carrying a maximum weight of cargo.



## Sports Update

### Alumni baseball game set for October 2

Former Miner baseball players are invited to come back and take part in the annual alumni baseball game, which will take place as part of the Homecoming festivities on campus Saturday, Oct. 2, 1999. The game begins at 10 a.m.

Those interested in taking part should call head coach **Travis Boulware** at (573) 341-4191 for more information.

### Baseball, softball teams struggle

The 1999 season on the ball diamond has been a struggle for UMR's teams. The Miner baseball team has dealt with a rash of injuries within the pitching staff and ended the season at 9-27. The list of the wounded included the team's leading winner, **Tom Winkelman**, who had posted a 4-1 record and 5.02 earned run average before the injury. Freshman outfielder **Ben Frank** was the team's top hitter with a .344 average, while catcher **Kyle Bruemmer** broke the UMR single-season record for runs batted in with 36.

In softball, the Lady Miners went to the final week of the season still trying to make the MIAA playoff field. UMR's struggles in an 11-26 season have been at the plate, where the team has an overall batting average of .232. A couple of bright spots have been outfielders **Candice Luehrs**, who leads UMR with a .310 average, and **Kari Kavanagh**, who is hitting .291 with a team-high 18 runs batted in. **Kristi Curry** has a 1.68 earned run average and has struck out 116 batters on the season.

### McNeal selected as MIAA's top freshman

**Janel McNeal**, a freshman for the Lady Miner basketball team, was selected as the Mid-America Intercollegiate Athletics Association's "Freshman of the Year" for the 1998-99 season. McNeal, a forward from St. Louis, also was the only UMR player named to the all-league squad as she gained honorable mention laurels. She led the Lady Miners in scoring during UMR's 10-17 season with an average of 15.7 points per game. She also finished the regular season as the league's top rebounder with 9.6 per game. McNeal averaged a double-double — 16.8 points and 10.7 rebounds — in the Lady Miners' 16 conference games.

She is the first Lady Miner freshman since the 1994-95 season to win the league's top honor for a freshman. The last player to do so was also on this year's all-conference team —

**Becky Reichard**, who finished her career at Missouri Western State College this season by winning All-America honors.

On the men's side, sophomore forward **Scott Holly** earned his second honor from the MIAA as he was named to the all-conference second team. Holly, the MIAA's "Freshman of the Year" in 1997-98, was the only UMR player named to the all-league squad. He averaged a team-high 15 points per game during the Miners' 12-15 season — which ranked seventh in the MIAA — and also ranked among the team leaders in assists (80), steals (42) and free throw percentage (75 percent).



Several former members of the UMR basketball team returned to campus for a reunion in conjunction with the 25th anniversary celebration of women's basketball on campus. The reunion took place Feb. 20 during the UMR-Southwest Baptist basketball game.

### Swimmers place seventh at nationals

For the third straight year, the UMR swimming team placed among the top 10 teams in NCAA Division II. This year's team did it by posting a seventh-place finish at the NCAA Division II Swimming and Diving Championships in Buffalo, N.Y.

The Miners also had 13 of their 15 competitors in Buffalo win some form of All-America honors. Eleven swimmers gained All-America status by placing among the top eight in their events. Two others made honorable mention by placing in the second tier, from ninth to 16th.

Highlighting the Miner performances at nationals were a pair of individual All-America efforts by freshman **Mark Finley**, who placed third in the 500-yard freestyle on the first night of the meet. Finley posted a time of 4:31.02 after having the best time during the preliminaries. He then finished sixth in the 200-yard freestyle a day later with a time of 1:41.16.

#### Other highlights:

- The Miners' 800-yard freestyle team of **Finley, Vanja Dezelic, David Nurre** and **Mark Pearce** finished in third place.
- **Matt Scott** finished seventh in the 200-yard butterfly with a time of 1:53.05.
- The team of **Dave Belleville, Tom Beccue, Kris Leftwich** and Pearce won All-America honors in the 200-yard freestyle relay, finishing in sixth place with a time of 1:24.66.
- The 200-yard team of **Josh Jolly, Jeremy Evans, Jeff Rueschhoff** and Beccue came in ninth place, while the 400-yard team that included Finley, Evans, Scott and Beccue placed 10th. Both teams earned All-America honorable mention.
- **Steve Caruso** placed 14th in the 100-yard butterfly and 16th in both the 200-butterfly and 200-individual medley.
- Dezelic was 10th in the 1,650-yard freestyle.
- Nurre placed 10th in the 200-freestyle and 13th in the 500-free.
- Scott was 10th in the 100-yard butterfly.



## Hagen, Ostmann win Bullman Awards

**Matt Hagen**, a member of the UMR track and cross country teams, and **Jaime Ostmann**, the first baseman on the UMR softball team, were named as the recipients of the 1999 Gale Bullman Awards at the M-Club awards banquet.

The Bullman Award, named for the university's former director of athletics and football coach, is the most prestigious award given to a UMR student-athlete. It is traditionally given to a senior athlete who has displayed outstanding character and excelled both on the playing field and in the classroom.

Hagen won all-conference honors in cross country and track this season. During the fall, he was seventh at the MIAA Cross Country Championships, then won all-region honors two weeks later when he finished 11th at the NCAA Great Lakes Regional. Hagen followed that performance with a second-place finish in the 3,000-meter steeplechase at the MIAA Championships, where he finished less than one-half second behind the defending national champion in the event.

Ostmann finished her career with the Lady Miners as the owner of a .300 career average and narrowly missed the school record for runs batted in for a career. She ended up with 89 RBI in her four seasons with the Lady Miners and also set the single-game record during her freshman year by driving in eight runs in a 1996 game against Pittsburg State. She was a two-time all-region selection at first base.

**Dawson Driscoll**, who led the Miner soccer team to its first outright conference soccer championship in 1998, was named by the M-Club as its "Coach of the Year." The Miners had their best record in school history at 13-4 under Driscoll's direction and were in contention for an NCAA Tournament bid at the end of the season. The Miners, who shared the 1997 MIAA title, won the last title in that sport for the time being as the league will not sponsor a men's soccer championship in 1999. The 1998-99 most valuable players for each sport were also honored, which includes the following:

### 1998-99 M-Club Most Valuable Players (by sport)

Baseball: <b>Dwight Ippock</b> , Sr., Springfield, Mo.	Softball: <b>Kristi Curry</b> , Jr., Excelsior Springs, Mo.
Basketball (Men): <b>Scott Holly</b> , So., Alamogordo, N.M.	Swimming: <b>Mark Finley</b> , Fr., Florissant, Mo.
Basketball (Women): <b>Janel McNeal</b> , Fr., St. Louis, Mo.	Tennis: <b>Miguel Lopez</b> , Jr., Lima, Peru
Cross Country (Men): <b>Matt Hagen</b> , Sr., Rolla, Mo.	Track and Field (Men's Indoor): <b>Mike Smolinski</b> , Jr., Naperville, Ill.
Cross Country (Women): <b>Sheryl Ziccardi</b> , Sr., Orchard Park, N.Y.	Track and Field (Men's Outdoor): <b>Matt Hagen</b> , Sr., Rolla, Mo.
Football: <b>Bryan Lewis</b> , Sr., Rolla, Mo.; <b>Jim Younce</b> , Sr., Bolingbrook, Ill.	Track and Field (Women's Indoor): <b>Rachel Kuro</b> , So., Lincoln, Ill.
Golf: <b>Andrew Laegeler</b> , Jr., Decatur, Ill.	Track and Field (Women's Outdoor): <b>Jackie Kelble</b> , So., Lenexa, Kan.
Soccer (Men): <b>Brian Koscielski</b> , Sr., Lake St. Louis, Mo.	
Soccer (Women): <b>Sara Rudy</b> , Jr., Fremont, Calif.	

## Kelble earns berth to national track meet

**Jackie Kelble**, a sophomore on the Lady Miner track team, earned a berth in the 1999 NCAA Division II Track and Field Championships in the javelin throw. Kelble, who was to make her first appearance at nationals May 29, was one of 12 throwers scheduled to compete in the event.

Her best throw of the season was 140-1, which came in her runner-up performance at the MIAA Championships. It was also Kelble's personal best in the javelin, where she surpassed the provisional qualifying mark in four different meets during the year.

Kelble was the first UMR athlete to compete at track nationals since 1994 and the first woman to make the meet in eight years.

## Lopez finishes as MIAA runner-up in tennis

Junior **Miguel Lopez**, the Miners' No. 1 tennis player during the 1999 season, placed second at the MIAA Tennis Championships in April. Lopez was the second seed in the tournament and won his semifinal match in three sets before losing a straight-set match in the finals.

**Javier Lopez** and **Steve Posch** finished third in their singles flights at the conference meet, while the Miners also had two doubles teams place fourth.

## FALL SPORTS SCHEDULES

### FOOTBALL

Sept. 4	at Quincy, 1 p.m.
Sept. 11	MISSOURI VALLEY, 1 p.m. (MSM-UMR Hall of Fame Day)
Sept. 18	MISSOURI WESTERN, 1 p.m.
Sept. 25	at Truman State, 1:30 p.m.
Oct. 2	EMPORIA STATE, 1 p.m. (Homecoming)
Oct. 9	at Washburn, 2 p.m.
Oct. 16	at Central Missouri State, 2 p.m.
Oct. 23	SOUTHWEST BAPTIST, 1 p.m. (Parent's Day)
Oct. 30	at Pittsburg State, 2 p.m.
Nov. 6	NORTHWEST MISSOURI STATE, 1 p.m.
Nov. 13	at Missouri Southern, 1 p.m.

### MEN'S SOCCER

Aug. 28	at St. Joseph's, Ind., 4 p.m.
Aug. 29	Indianapolis (at Rensselaer, Ind.), 4 p.m.
Sept. 4	SOUTHWEST BAPTIST, 3 p.m.
Sept. 8	at Columbia College, 7 p.m.
Sept. 11	at William Woods, 1 p.m.
Sept. 15	ROCKHURST, 7 p.m.
Sept. 18	West Texas A&M (at Wichita Falls, Texas), 2 p.m.
Sept. 19	at Midwestern State, 2 p.m.
Sept. 29	at Lincoln, 7 p.m.
Oct. 2	at Missouri Southern, 3 p.m.
Oct. 6	MISSOURI-ST. LOUIS, 7 p.m.
Oct. 13	at Missouri Baptist, 7 p.m.
Oct. 16	Charleston, W.Va. (at Highland Heights, Ky.), 1 p.m.
Oct. 17	at Northern Kentucky, 1 p.m.
Oct. 19	NORTHEASTERN STATE, 5 p.m.
Oct. 22	TRUMAN STATE, 7 p.m.
Oct. 29	SIU-EDWARDSVILLE, 7 p.m.
Oct. 31	QUINCY, 4 p.m.

### WOMEN'S SOCCER

Aug. 28	at St. Joseph's, Ind., noon
Aug. 29	Indianapolis (at Rensselaer, Ind.), noon
Sept. 4	SOUTHWEST BAPTIST, 1 p.m.
Sept. 11	at William Woods, 3 p.m.
Sept. 15	ROCKHURST, 5 p.m.
Sept. 18	at Midwestern State, noon
Sept. 19	Southern Nazarene (at Wichita Falls, Texas), noon
Sept. 25	at Southwest Missouri State, 3 p.m.
Oct. 2	at Missouri Southern, 5 p.m.
Oct. 6	MISSOURI-ST. LOUIS, 5 p.m.
Oct. 10	NORTHWEST MISSOURI STATE, 1 p.m.
Oct. 13	at Missouri Baptist, 5 p.m.
Oct. 16	at Northern Kentucky, 11 a.m.
Oct. 17	Mount St. Joseph (at Highland Heights, Ky.), 11 a.m.
Oct. 22	TRUMAN STATE, 5 p.m.
Oct. 26	at Central Missouri State, 6 p.m.
Oct. 29	SIU-EDWARDSVILLE, 5 p.m.
Oct. 31	QUINCY, 2 p.m.

(All times Central)



# MISSION: HOMECOMING

## should you choose to accept -

**SCHEDULE OF EVENTS • BE SURE TO COME TO HOMECOMING REGISTRATION**  
**THE UNIVERSITY CENTER-EAST (CORNER OF 11th AND ROLLA STREETS)**

*Student-sponsored Homecoming activities: call Student Union Board at (573) 344-1234*

**Games Monday-Friday at the Hockey Puck, 12:30 p.m. • Homecoming BBQ at the Hockey Puck, Monday, Sept. 27, 11 a.m.-2 p.m. • Comedy Show at the Hockey Puck, Tuesday, Sept. 28, 8 p.m. • Alumni/Student Golf Tournament, Friday, Oct. 1, 2-4 p.m. • Halftime activities at the football game, Saturday, Oct. 2, 12:30 p.m.**

### Thursday, September 30

Noon  
 UMR Board of Trustees Meetings begin (luncheon, meetings and dinner), Silver & Gold Room, University Center-East (UC-E), 11th & Rolla Streets

5:30-8 p.m.  
 Excel Professional Leadership Series Annual Fall Banquet, cosponsored by the Excel Leadership Academy and the UMR Corporate Development Council, Centennial Hall UC-E

6 p.m.  
 Reception, Academy of Mechanical Engineers Induction Dinner, Zeno's

7 p.m.  
 Dinner, Academy of Mechanical Engineers, Zeno's

### Friday, October 1

7:30-8:30 a.m.  
 MSM-UMR Alumni Association Board of Directors/UMR Board of Trustees/Campus Leaders Breakfast, Centennial Hall, UC-E

8-11:30  
 Corporate Development Council Team Meetings

8:30 a.m. - noon  
 UMR Board of Trustees Meetings continue, Silver & Gold Room, UC-E

9 a.m. - 4:30 p.m.  
 HOMECOMING REGISTRATION, Miner Lounge, UC-E

9 a.m. - 4 p.m.  
 Order of the Golden Shillelagh Hospitality Table, Miner Lounge, UC-E

9:30-11:30 a.m.  
 School of Mines and Metallurgy Academy Meeting, 124 McNutt Hall

8-11:30 a.m.  
 Academy of Mechanical Engineers Meetings, Carver-Turner Room, UC-E (officers meet 8 a.m., committees meet 9 a.m., full academy meeting 10 a.m.)

11:30 a.m. - 1 p.m.  
 Luncheon for Volunteer Leaders (Board of Trustees, Alumni Board, Corporate Development Council, Academies), Centennial Hall, UC-E (tickets required)

Noon-3 p.m.  
 Psychology Advisory Board meeting, Meramec Room, UC-E

Noon-4:30 p.m.  
 UMR Coatings Institute Open House

12:30 p.m.  
 Student Union Board Games, Hockey Puck

12:30-1:30 p.m.  
 LIVE! FROM ROLLA...IT'S WE'RE SCIENCE, with Dan Armstrong and Harvey Richards

1-3:30 p.m.  
 Physics Alumni Open House, Physics Building

1-4 p.m.  
 Alumni/Student Golf Tournament (contact Student Union Board, 573-341-4220, to sign up)

1-4 p.m.  
 Curtis Laws Wilson Library Open House

1-5 p.m.  
 Corporate Development Council Meeting

1:30-2:30 p.m.  
 MEMORIES OF ST. PAT'S FIFTY YEARS AGO: Lenore (Jones) Morris

1:30-4:30 p.m.  
 Alumni Association Board of Directors Meeting, Missouri Room, UC-E

2:30-3:30 p.m.  
 LIFE ON THE ROAD. TOM SHIPLEY

3-3:30 p.m.  
 Chemistry Alumni Social, Webb Reading Room (121 Schrenk Hall)

3-4 p.m.  
 Chemical Engineering Alumni Reception, 145 Schrenk Hall

3:30-5:30 p.m.  
 Engineering Management Alumni Reception, Engineering Management Building Foyer

3:30-4:30 p.m.  
 Chemistry Seminar, Monsanto Hall (G3 Schrenk Hall)

4-5 p.m.  
 Physics Colloquium, Physics Building

4-5 p.m.  
 THEY SAID IT COULDN'T BE DONE! GREENLAND EXPEDITION SOCIETY DISCOVERS THE LOST SQUADRON, with Dr. Wes Stricker

4-5:30 p.m.  
 Eleventh Annual Civil Engineering Alumni Reception, South Lawn, Butler-Carlton Hall (sponsored by the Academy of Civil Engineers and hosted by the officers of the student chapters of ACI, ASCE, AGC, EERI, ITE and Chi Epsilon, the Interorganizational Development Committee and the Alumni Committee of the Civil Engineering Advisory Council). All CE alumni, family and friends are invited.

4-5:30 p.m.  
 Mechanical Engineering Alumni Reception, Mechanical Engineering Building

4-5:30 p.m.  
 Electrical and Computer Engineering Alumni Reception, Emerson Electric Company Hall First Floor Lobby

4:30-6 p.m.  
 Third Annual Keramos Ceramic Engineering Alumni Homecoming Barbecue, McNutt Hall Quadrangle Area (McNutt Hall Commons if weather is bad)

4:30 p.m.  
 Alumni Reception sponsored by Student Council, Carver-Turner Room, UC-E Come one, come all, and meet today's Student Council!

5:30-6:30 p.m.  
 KMSM-KMNR Alumni Reception, KMNR Studios, 205 W. 12th St. (across 12th St. from Norwood Hall)

6 p.m.  
 Chemistry Dinner



# HOMECOMING 1999

Accept — Sept. 27 through Oct. 3

HOMECOMING REGISTRATION IN THE MINER LOUNGE, SECOND FLOOR OF  
ROLLA STREETS) BE THE FIRST TO GET THE FINAL SCHEDULE OF EVENTS!

Union Board at (573)341-4220 for more information regarding specific events.

Sept. 27, 11 a.m.-2 p.m. • Comedy Show and introduction of Homecoming King and Queen Candidates, Wednesday, Sept. 29, UC-E Cafeteria, 8 p.m.  
Lifetime activities at the football game, Saturday, Oct. 2, Homecoming King and Queen will be crowned!

6:30-8:30 p.m.  
SILVER & GOLD REUNION COCKTAIL BUFFET,  
Centennial Hall, UC-E  
(roast pig, delicious hors d'oeuvres and  
your choice of "liquid refreshment")

8:30-11 p.m.  
HOMECOMING DANCE, Centennial Hall, UC-E.  
Come and get down to music  
by request from Bill's Music Machine.  
No charge for this event; cash bar available.

8:30 p.m.  
Class of 1939 60-Year Reunion Event

8:30 p.m.  
Physics Alumni and Friends Dessert Open  
House, Home of Ed and Barbara Hale,  
821 Oak Knoll Road

10:30 p.m.  
UMR MESP sponsors a special  
HOMECOMING COMEDY CLUB at the  
UMR Multicultural Center, 1207 N. Elm.  
Cash bar, no cover!  
For more information contact  
Toni Scott, MESP director at 341-6450 or 341-4182.

## Saturday, October 2

7:30-9:30 a.m.  
ALL-ALUMNI BREAKFAST BUFFET, Dining Hall, UC-E  
(all-you-can-eat scrambled eggs, bacon, sausage,  
biscuits and gravy, mixed fresh fruit salad, homemade  
danish, juice and coffee)

7:30-10:30 a.m.  
HOMECOMING REGISTRATION continues in  
Miner Lounge, UC-E (registration moves to  
Bullman Multi-Purpose Building at 11)

8-10:30 a.m.  
Order of the Golden Shillelagh Hospitality Table,  
Miner Lounge, UC-E

8-9:30 a.m.  
Nuclear Engineering Faculty and  
Alumni Breakfast, Zeno's  
(department tour after breakfast)

8-10:30 a.m.  
ALUMNI LEADERSHIP CONFERENCE,  
Mark Twain Room, UC-E  
8-9:30 a.m.  
Section Leaders Session

9:30-10:30 a.m.  
Admissions Ambassadors Session

8:30 a.m.  
Order of the Golden Shillelagh  
Executive Committee Meeting,  
Castleman Hall

9 a.m.  
Jackling Foundation Committee Meeting,  
305 McNutt Hall

9-10:30 a.m.  
DESIGN TO INSTALLATION: JAMIE G. ANDERSON

9:30 a.m.-4:30 p.m.  
UMR Bookstore open for alumni  
and visitors, University Center-West

9:30 a.m.  
Miner Invitational Cross Country Meet,  
UMR Golf Course

10 a.m.  
UMR Baseball Alumni Game, UMR Baseball Field

10-noon  
Chemistry Brunch

10:30 a.m.  
MILLENNIUM ARCH DEDICATION CEREMONY,  
Castleman Hall grounds,  
corner of 10th and State Streets

11 a.m.-1 p.m.  
UMR Athletic Hall of Fame open to visitors

11:30 a.m.-1:30 p.m.  
FIELDHOUSE FEED REUNION "FAMILY PICNIC"  
LUNCHEON for all alumni, family and friends,  
Gale Bullman Multi-Purpose Building.  
(Charcoal-grilled hamburgers and hot dogs, assorted  
mixed salads, potato chips, fresh fruit, chocolate  
cake, lemonade, iced tea, coffee) Jugglers, clowns,

balloon animals, face painting and other family  
activities, so bring the kids! Joe Miner Lookalike  
Contest for the kids, too! Features reserved seating  
for the reunion classes of 1948 and before, 1939, 1949,  
1954, 1959, 1964, 1969, 1974, 1979, 1984, 1989, 1994,  
and 1999. CLASS PICTURES WILL BE TAKEN AT NOON!

1:00 p.m.  
Football Kickoff - MINERS VS. EMPORIA STATE  
UNIVERSITY Hornets, Jackling Field

4:30-5:30 p.m.  
Miner Music Section Meeting, 138 Castleman Hall

6:15 p.m.  
AWARDS BANQUET CASH BAR RECEPTION,  
Miner Lounge, UC-E

7-9 p.m.  
AWARDS BANQUET, Centennial Hall, UC-E  
(romaine salad with Mandarin oranges and almonds,  
chicken with champagne sauce, Dijon roasted  
potatoes, baby whole carrots, white chocolate  
mousse in chocolate cups, rolls and beverages),  
followed by the MSM-UMR Alumni Association  
Annual Meeting

7 p.m.  
Epsilon Psi Chapter of Alpha Phi Alpha Fraternity,  
Black & Gold A Miss Epsilon Psi @ Ball,  
Rolla Lions Club, contact Chaz Jaquess at  
(573) 341-8617 by September 15 for reservations  
and information

## Sunday, October 3

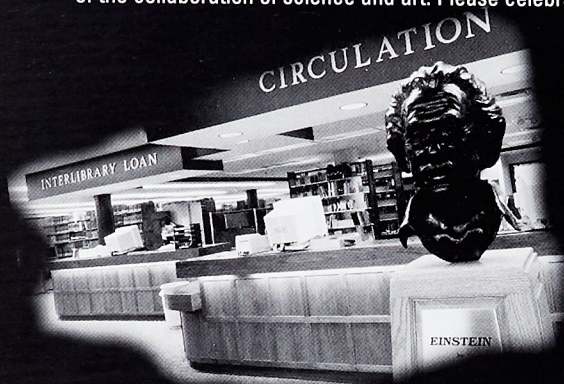
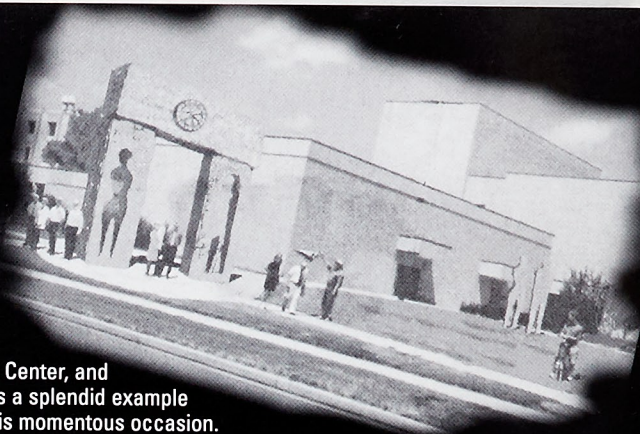
8:30-10 a.m.  
Order of the Golden Shillelagh Brunch,  
Carver-Turner Room, UC-E, \$7.50.  
For OGS members and anyone interested in joining.  
Contact Lucy Sutcliffe at (573)341-4490 for  
reservations and further information.

1 p.m.  
UMR Advisory Committee for African-American  
Recruitment and Retention Meeting,  
Missouri Room, UC-E



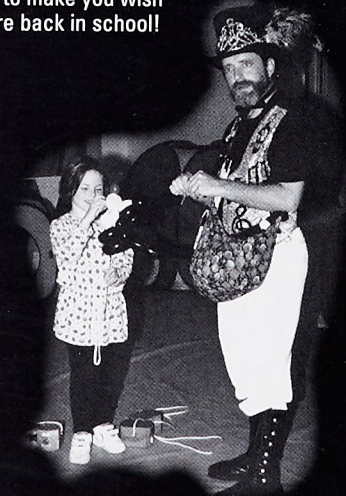
## Millennium Arch to be unveiled

All students, alumni, faculty, staff, and friends of the campus are invited to the *Millennium Arch* Dedication Ceremony outside the southwest corner of Castleman Hall. *Millennium Arch*, a 15-foot monumental sculpture created for this campus by Edwina Sandys, internationally-acclaimed artist and granddaughter of Winston Churchill, has been made possible through a gift from Scott Porter (Physics '55). The sculpture is being dedicated in memory of his parents, Rev. and Mrs. G. Scott Porter, long-time residents of Rolla, and his late wife, Barbara. *Millennium Arch* has been created using advanced water-jet technology developed at UMR's Rock Mechanics Center, and Dr. David Summers is overseeing the project. The sculpture represents a splendid example of the collaboration of science and art. Please celebrate with us on this momentous occasion.



## UMR Library Open House

Come see the newly-renovated Curtis Laws Wilson Library! Enjoy light refreshments, talk to members of the Library Committee, and take a tour of this beautiful facility. It's almost enough to make you wish you were back in school!



## Don't miss the fun this year!

The Fieldhouse Feed Family picnic is especially geared for kids. You say you'd like to come to Homecoming but don't want the hassle of getting a sitter? Come for the day, bring the kids—you can enjoy yourself with your classmates while the kids enjoy "Lester's Learn & Play". Have a relaxed lunch, get in your class picture, then take the kids to the football game. Who knows, you might even learn to juggle!

## Class of 1974! It's your 25-year Reunion Party Weekend

Come on down for the weekend or just for Saturday, join your class for lunch at the Fieldhouse Feed and get into the class picture, then kick back and relax at your own class party from 1:30-5 p.m. in the Bullman Multi-Purpose Bldg. Bring the kids ... they'll love Lester's Learn-N-Play at the Fieldhouse Feed—a chance for them to enjoy balloon animals, face painting, stilt-walking, juggling and more!

## Attention: Class of '39

It's been 60 years since you left MSM...come home this year and celebrate with your classmates! Your class will have a special event following the Silver & Gold Cocktail Buffet on Friday, Oct. 1, and if you're not here, you'll miss the fun.



## Hey, kids – it's a "Joe Miner Lookalike" Contest!

Bring your kids to the Fieldhouse Feed Family Picnic on Saturday dressed as Joe Miner! There will be prizes for the best lookalikes, and a participation gift for everyone.

## LODGING

The following are members of the Rolla Area Chamber of Commerce:

### BED & BREAKFAST

\* A Miner Indulgences Bed & Breakfast, 364-0680

4-M Vineyards, Rosati Winery, Rosati/St. James, 265-6880

Painted Lady Bed & Breakfast, St. James, 265-5008

Rock Eddy Bed & Breakfast & Country Stay, Dixon, 759-6081, (800-335-5921)

### HOTELS/MOTELS

\* Best Western Coachlight Inn, 341-2511 (800-528-1234)

Budget Deluxe Inn, 364-4488

\* Days Inn, 341-3700

For your convenience, we have compiled a list of local motels and bed & breakfast establishments (all phone numbers are area code 573).

\* Drury Inn, 364-4000 (800-325-8300)

\* EconoLodge, 341-3130 (800-446-6900)

\* Hampton Inn, 308-1060 (1-800-HAMPTON)

Holiday Inn Express, 364-8200

\*\* Howard Johnson Lodge, 364-7111 (800-446-4656)

\* Ramada Inn, 364-7977

\* Rustic Motel, 364-6943 (800-458-9279)

\* Western Inn (formerly Travelodge), 341-3050

\*\* Zeno's Motel and Steak House, 364-1301

### OTHER MOTELS:

\* American Motor Inn, 341-2555

\*\* Comfort Inn, St. James, 265-5005

\* Interstate Bestway Inn, 341-2158

\* Super 8 Motel, 364-4156

Sooter Inn, 364-1333

\* Wayfarer Inn, 364-3333

\* Indicates pool

\*\* Indicates indoor pool

For information on other lodging options, campgrounds and RV parks in Central Missouri, please call the Rolla Area Chamber of Commerce at (573) 364-3577.



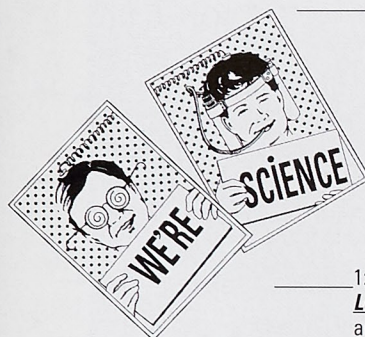
# HOMECOMING BRIEFING SESSIONS



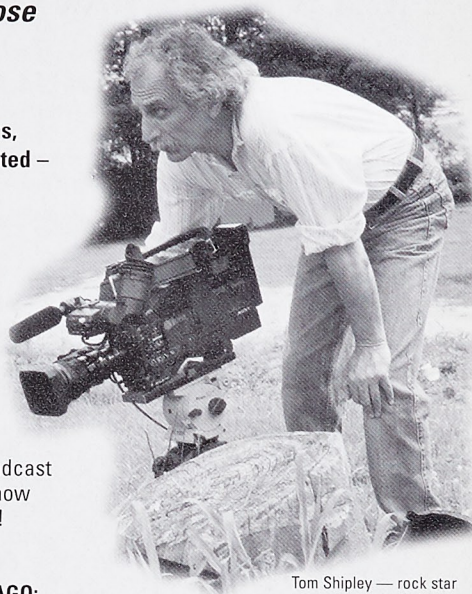
*Your mission, should you choose  
to accept it,  
is to attend and enjoy!*

There is **NO CHARGE** for these sessions,  
but tickets are required, as seating is limited –  
so make your reservations now!

## FRIDAY, OCT. 1



12:30-1:30 p.m. **LIVE! FROM ROLLA...IT'S WE'RE SCIENCE!** Forget about *Prairie Home Companion* and the *Whad'ya Know* show ... come and be a part of the live studio audience of Rolla's own *We're Science*, a public radio show broadcast around the nation. Hosts **Dan Armstrong** and **Harvey Richards** will be taping a show for later broadcast with YOU as the audience. Enjoy this wacky, fun show and learn something about science at the same time!



Tom Shipley — rock star  
turned video producer.

## 1:30-2:30 p.m. — MEMORIES OF ST. PAT'S FIFTY YEARS AGO:

**Lenore (Jones) Morris** was St. Pat's Queen of Love and Beauty in 1946, and she will share with you her memories of St. Pat's then and through the years. She still has the dress she wore, and she'll bring it for you to see, along with other memorabilia. This is a wonderful presentation, and one that those who have seen it tell us they will never forget.

Lenore (Jones)  
Morris, St. Pat's  
Queen of Love  
and Beauty.



## FRIDAY, OCT. 1

2:30-1:30 p.m. — **LIFE ON THE ROAD:** Come hear **Tom Shipley of Brewer & Shipley** (yes, THAT Brewer & Shipley, of "One Toke Over the Line" fame!) talk about his experiences in the music world in an intimate setting. Hey, this is your chance to meet and talk with a real rock star, so don't miss it!

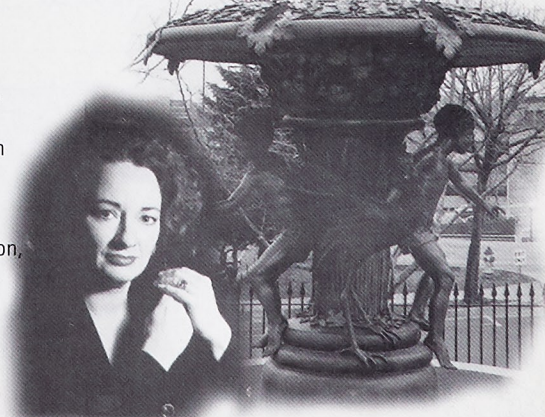
4-5 p.m. **THEY SAID IT COULDN'T BE DONE! GREENLAND EXPEDITION SOCIETY DISCOVERS THE LOST SQUADRON:** **Dr. Wes Stricker** was a member of the expedition party that found and unearthed the lost squadron of bombers that disappeared over Greenland during World War II. Hear him tell of this amazing experience and see the slides he took of the project. If your interests are in WWII, airplanes, or just in exciting stories, you'll want to be sure to catch this session!

## SATURDAY, OCT. 2

9:00-10:30 a.m. — **DESIGN TO INSTALLATION:** **Sculptor Jamie G. Anderson** will present a complete slide show retrospective of the creation of the Missouri Children's Fountain (copyright 1994) at the Missouri Governor's Mansion and the sculpture "An Angel Among Us" (copyright 1997), a private installation. You'll see the whole creation process, from design maquettes through installation, including foundry processes. Anderson also participated in the Disney 1996 Teddy Bear Doll Show, and will discuss doll creation processes, if time permits.



Sculptor Jamie  
Anderson (photo by  
Shanks Photography)  
with her creation:  
The Missouri  
Children's  
Fountain at  
the Governor's  
Mansion.





# HOMECOMING 1999 RESERVATIONS

Please make your reservations early, as some activities are limited.

Fill out the form below and **mail, FAX, or call in your reservations by Sept. 15, 1999, to get the special discount price.** Your tickets will be ready for you to pick up at the Registration Desk when you arrive on campus at Homecoming.

By mail: Enclose check (or charge card information), fold and tape edges. By FAX: 978-926-7986, 24 hours a day — be sure to include your credit card information. By phone: 573-341-4145, 9 a.m.- 4 p.m., Monday-Friday — have your credit card handy.

**EVENTS SPECIAL DISCOUNT! Send your registration and payment by Sept. 15 and SAVE up to \$5 per person!**

## # TICKETS

- \_\_\_\_\_ Silver & Gold Reunion Cocktail Buffet - \$18/person (\$17 in advance)
- \_\_\_\_\_ Homecoming Dance - NO CHARGE, but ticket required for admission
- \_\_\_\_\_ All-Alumni Breakfast Buffet - \$8/person, age 7-12 \$4, under age 7 free (\$7 in advance, age 7-12 \$3.50)
- \_\_\_\_\_ Fieldhouse Feed Reunion "Family Picnic" Luncheon - \$10/person, age 7-12 \$5, under age 7 free (\$9 in advance, age 7-12 \$4.50) **Reunion class photos will be taken at this event!**
- \_\_\_\_\_ Miners vs. Emporia State University Hornets - \$6/person (\$5 in advance), under age 7 and Golden Alumni free
- \_\_\_\_\_ Awards Banquet for the presentation of Alumni Achievement, Merit and Service Awards; Distinguished Young Alumnus Awards; Honorary Life Membership; Frank H. Mackaman Alumni Volunteer Service Award; Outstanding Student Advisor Awards; Outstanding Staff Member Awards; Alumni Excellence in Teaching Award; Outstanding Alumni Section Awards — \$20/person (\$19 in advance)
- \_\_\_\_\_ **Tickets for ALL events - \$62/person (\$57 in advance) and \$30 for Golden Alumni (\$26 in advance)!**

Golden Alumni (those who graduated 50 or more years ago) receive a 50% discount on all tickets except football, which are complimentary from the Athletic Department.

Name #1 \_\_\_\_\_  
Name #2 \_\_\_\_\_  
Address \_\_\_\_\_  
City/State/Zip \_\_\_\_\_  
Home Phone \_\_\_\_\_ Work Phone \_\_\_\_\_  
Class Year \_\_\_\_\_ Discipline \_\_\_\_\_

## PLEASE MAKE CHECKS PAYABLE TO: MSM-UMR ALUMNI ASSOCIATION

Check enclosed in the amount of \_\_\_\_\_  
Please charge to my credit card: ☐ Visa ☐ MasterCard ☐ AMEX ☐ Discover  
Card number \_\_\_\_\_ Expiration date \_\_\_\_\_  
Name as printed on card \_\_\_\_\_  
Signature \_\_\_\_\_

Don't forget to check at the Registration Desk in the Miner Lounge (University Center-East, second floor) for late entries into the schedule of events!

**For assistance with Homecoming reservations for meals, football game or short courses, please call or write:**

**Alumni Office, Castleman Hall, 1870 Miner Circle, Rolla, MO 65409-0650.**

**Information number: 573-341-4145. FAX number: 978-926-7986. Electronic mail: alumni@umr.edu**



## MEMBER BENEFITS

**As an alumnus/na of  
MSM-UMR, you are  
automatically a member of  
the Alumni Association  
and are entitled to:**

### Travel Tours:

Heartland of Europe  
Highlights of Italy  
Australia and New Zealand  
South American Cruise/Tour  
(See page 35 for more details)

### MSM-UMR:

chairs, lamps, watches, rings, pendants,  
Platinum/Gold MasterCard,  
License plates for Missouri residents only

### Career Assistance:

UMR's Career Opportunity Center will  
help you in your job search!

### Alumni Association Services:

Access to Alumni Office via e-mail  
([alumni@umr.edu](mailto:alumni@umr.edu)).

Alumni locator service to  
help you find lost friends.

Address update service so you  
don't miss your MSM-UMR mail.

### And coming soon...

MSM-UMR On-Line Community

**To take advantage  
of these offers,  
contact the Alumni Office:**

MSM-UMR Alumni Association  
University of Missouri-Rolla  
Castleman Hall  
1870 Miner Circle  
Rolla MO 65409-0650

phone: (573) 341-4145  
FAX: (573) 341-6091

e-mail: [alumni@umr.edu](mailto:alumni@umr.edu)

## Legislative Recognition Day 1999

Feb. 24, 1999, saw 26 alumni and friends of the campus visit Jefferson City to meet with Missouri legislators and honor fellow UM alumni and friends. Legislative Recognition Day is coordinated by the University of Missouri Alliance of Alumni Associations. This occasion also provides an opportunity for the University of Missouri President to recognize outstanding alumni and friends for their contributions to each campus and to outreach & extension. This year, Don Castleman was honored for



Those attending Legislative Day included, left to right: Matt Coco, John Sheffield, Dan and Loretta Paulson, Traci Walker, an ASUM intern, Art Baebler and Neil Smith.

outstanding service to UMR with a Presidential Service Award.

Don Castleman, a Rolla resident, has been a longtime supporter of UMR and the UM system. In 1982 he served on the board of directors of the "Support Amendment One" campaign and also served as the campaign treasurer. This campaign led to the passage of the first major bond issue for higher education since the late 1950s. Castleman

is an Honorary Knight of St. Patrick, and he received the Alumni Merit Award in 1995 and the Chancellor Medal in 1984. He provided a major gift for UMR's performing arts center, Castleman Hall, and he was a contributor to and assisted in the fund raising for a named professorship in chemistry at UMR.

*Alumni and friends who attended Legislative Recognition Day events from UMR include: Art Baebler '55, John Bartel '52, Bob Bay '49, Glenn '39 and Janet Brand, Matt Coco '66, Dick Elgin '74, Tom Ellis '75, Lawrence George '89, Larry '73 and Polly '73 Hendren, Bud Klippel, John Miles '61, Cal Ochs '49, Bob Patterson '54, Dan '90 and Loretta Paulson, John Sheffield, Neil Smith, Chris Wilson '73, Ralph Wolfram '50, Lindsay Bagnall '76, Don Brackhahn '93, Don Castleman, John '95 and Dorcas Park.*

## UM President Pacheco hosts Washington reception

Friends and alumni of the University of Missouri system met the Missouri congressional delegation at a Washington D.C. reception hosted by President Pacheco. Information, concerns and ideas regarding state and federal roles and responsibilities for higher education were freely shared among the members of Congress and those attending. Members of Congress included: Roy Blunt, James Talent, and Conrad Burns.

The following MSM-UMR alumni and friend were present: Bob '54 and Martha Patterson, Allan Beshore '82, Carl Cotterill '40, David Dajc '96, Kevin Davis '86, Larry Dean '70, Wm Chris Frayser '90, Gary Gaal '74, J. Eric Hoehn '86, Kent Keefe '72, Mike '68 and Mary Ann Klosterman, Tommy Le '67, Jim Martin '75, Ronald McNally '64, H. Arvy Myers '93, Gary '69 and Kathleen Neal, Philip Olson '59, Michael '87 and Tina O'Mealy, George Pincince '71, James Poarch, PhD '60, Joseph Schumer, PhD '92, Jeffery Joe '87 and Michele '90 Smith, Milan Straka '85.

## Retiring soon?

Are you retiring soon but still trying to decide where to settle? Think about Rolla! With many of the cultural advantages of larger cities, but with that friendly "small town" atmosphere, Rolla is one of the Midwest's best-kept secrets. Quite a few alumni have retired here, and they tell us they're glad they did. Why not consider joining them?

If you'd like more information, contact the Rolla Area Chamber of Commerce at 1301 Kingshighway, Rolla, MO 65401, or call (573) 364-3577.





## UMR is looking to recruit students in your area!

As alumni, you know first hand what a great school UMR is and how it prepares students for a successful future. So why not send us the names of high school students you know who might be interested in UMR. Just clip and mail this form, and our admissions office will take care of the rest. Thanks for your help!

Student's name \_\_\_\_\_

Student's address \_\_\_\_\_

Student's city/state/ZIP \_\_\_\_\_

Student's high school \_\_\_\_\_

Student's phone number (if available): \_\_\_\_\_

Student's email address (if available): \_\_\_\_\_

Your name: \_\_\_\_\_

Please send this form to Jennie Bayless, Admissions Office, University of Missouri-Rolla, 1870 Miner Circle, Rolla, MO 65409, or fax it to (573) 341-4082, or e-mail the information to jbayless@umr.edu.

## Student council and association join forces

The UMR student council and the alumni association have created a unique program to join together UMR alumni with current students who are undecided about a major field of study and career goals or enjoy a particular field of study, but have questions about careers in the field. The MSM-UMR Mentoring Program helps provide information and answers to these questions by connecting the students with alumni who are professionals in the areas of study that interest the students. These alums represent many different kinds of workplaces and branches of industry. Some of the companies represented by our mentoring alums include Anheuser-Busch Inc., Lockheed Martin Corporation, General Electric, Texaco, Centeon Pharmaceutical and Boeing.

Students interested in the MSM-UMR Mentoring Program can go on-line at the university's web site: (<http://www.umr.edu/~stucomen/>) and fill out a simple form to be placed with a mentor that fits the needs of the student. If you are an alum interested in helping current UMR students by being placed on the mentoring list, please contact Patti Hutchinson in the alumni office at 573-341-6034 or [pjh@umr.edu](mailto:pjh@umr.edu).

## Prospective UMR students meet St. Louis alums at Southwestern Bell

On March 7, 1999, St. Louis area high school students curious about UMR learned about the campus and what UMR offers to their futures at an Admissions Reception held at Southwestern Bell in downtown St. Louis. Approximately 105 students and parents attended. The following campus staff who are also alumni attended: Jennie Bayless '89, Jerry Bayless '59, Lindsay Bagnall '76, Don Myers '61, Gary '60 and Barbara '61 Patterson. St. Louis alumni attending included: Ernie Banks '81, Amy Buttimer '96, Terrence Halbert '94, Milt Murry '64, Jim Parks '78, Jim Swinford '94, Dave Tepen '90, and Tom Venker '85. Tom Venker was the alumni host and emcee.

## Career Day 1999

A Career Day reception was held on campus Feb. 9, 1999, at the Miner Lounge in the University Center. Career Day was held the next day in Bullman Multipurpose Facility with more than 160 companies represented.

The following alumni, representing their companies, were among those in attendance at the reception: Craig Bailey '90, Scott Bean '85, Duane Bequette '75, Chris Bookout '98, John D. Brocke '97, Bill Burton '82, Patrick M. Byrne '73, Mike Childs '98, Brian Christ '96, Lee Crisler '66, Julie Davenport '96, John Doyle '68, Christina Erickson '75, Virgilio C. Fabella, Jr. '90, Lister B. Florence '95, Tim Giddens '88, Leon Hall '69, S. Darin Halter '95, Stephen E. Herzog '82, Stephen D. Hicks, II '96, Douglas Hord '79, Daniel Karraker '92, Jamie Kelly '95, Joe Kuss '70, Dan Latal '74, Philip W. Ling '92, Michael Lucas '79, Brian Maddox '97, Robert C. Marshall '60, Chuck Martin '86, James Mazurek '82, Doug Mertz '94, Dale L. Morse '79, Monty Morse '79, Ray Myers '97, Chris Ramsay '83, Gary Rauls '70, Lyle Rosenberry '69, Mike Rustemeyer '91, Anthony Salinas '98, Mark Sandfort '88, Jill Sandifer '96, Alan Schulte '95, Stephen M. Squibb '98, Merrill Stevens '83, L. D. Stevenson '70, Tom Sullivan '93, Chris Thomason '85, Bryan Tilley '96, Tom Wolf '80, and Charles Yarnall '76.



## Association provides grants to student organizations

Fourteen student organizations will benefit from grants made recently by the MSM-UMR Alumni Association. The alumni association grants up to \$2,500 each semester.

Organization projects that received grants this semester are the following: IEEE - Fire-fighting; Robotic Car Contest; UMR Panhellenic Council - Panhellenic Rush Booklet; Eta Kappa Nu - Student Projects Lab; Solar Car Project '99; UMR Interfraternity Council - Summer Rush Barbecue; Tau Beta Sigma/Kappa Kappa Psi - 75th Anniversary; UMR Band Commissioned Composition; Society of Mining Engineers - 1999 National Convention; UMR SEAC - Rolla Earth Day Celebration; MSM Spelunkers Club - Geology of the Caves of Phelps County; ASCE - Concrete Canoe; ASCE - Steel Bridge; Formula SAE Team; AAPG/C.L. Dake Geological Society - Scouting Merit Badge Workshop and AAPG National Convention; and Academic Competition Organization - Scholastic Bowl Invitational.

## Reasons to join your local alumni section

As all alumni know—Miners love to have good times—and good times can be had by joining your local alumni section. During the past year alumni sections have attended baseball, basketball, soccer and hockey games, visited antique shops, toured famous wineries and breweries, celebrated St. Pat's, golfed, rode in parades, and more.

**But wait! Sections are more than just a good time!**

Sections provide leadership and mentoring/tutoring opportunities, job placement assistance, relocation advice and social contact.

If you are interested in joining an alumni section in your area, please contact the alumni office at **1-800-Jo-Miner** or **pjh@umr.edu** to learn more about the opportunities offered by joining a local alumni section.

## Association hosts SME at Denver

On Tuesday, March 2, 1999, at the 1999 SME Annual Meeting and Exhibit, Mining in a New Era, the MSM-UMR Alumni Association invited alumni, guests and friends of the university to an afternoon reception. Both Don Brackhahn, director of alumni affairs, and Lee Saperstein, dean of the School of Mines and Metallurgy, hosted the gathering. Current and former faculty, current and former students, as well as university staff attended including: **FACULTY**—Karl Zopf, Dave Summers, Mark Schmidt, Lee Saperstein, Dean Richard Bullock, R. Larry Grayson, Dale Elifrits, Tad Golosinski.

**STAFF**—Don and Nancy Brackhahn, and Kevin Lindsey.

**UMR STUDENTS** — Richard Ayers, Timothy Beck, Jon Blahzic, Chris Bryan, Travis Burke, Terry Bush, Elaina M. Evans, Scotty Gerbes, Ronald D. Glaus II, Brian Groff, Mary Hutchison, Sean Kautzman, Adolph Minert, Shannon Orr, Patricia Robertson, Wade Smith, Josh Snelson, Nathan Steele, Attila Szucs.

**VISITORS AND FRIENDS OF UMR** — Dan Alexander, R. Gray, Carol Kanack, Wayne Kanack, Joe Lamonica, Fran Martino.

**ALUMNI** — Wendi Abbott '94, William (Bill) Beck '73, Daniel Brady '92, Karl Brown '62, Dave Bufalo '66, Eric Bunnell '97, Russell Dahlgren '82, Jeff Dubbert '85, William Feldmiller '54, Kimberly Finke '96, Steve Fiscor '86, Mike Greeley '62, G. Joe Hatfield '90, Jerry Higgins '75, '80, Jason Holschen '96, Jim Humphrey '79, Linda M. Jacobs '80, Bob Johnston '83, Wayne R. Kemp '70, Joo Y. Mim '69, Tim Kram '91, Bill Meister '76, R. Lary Miller '58, Angie O'Neill '94, Brian O'Neill '95, Kirk S. Palicki '95, Duk-Won Park '75, R. W. Phelps '68, Don Richards '96, Bryan Ripp '84, Don Routon '58, Bill Schlittler '77, Art Schweizer '70, Neal Stanton '87, David Steward '96, John R. Stucker '71, Steve Svateic '79, Robert L. Wade '71, Bill Wagener '76, and Tom Weyand '69.



Those in Denver for the SME annual meeting included, from the top, left to right: Kirk Palicki '95, Steve Svatek '79, Linda Jacobs '80, and Bill Wagner '76. Middle photo, left to right: Joe Hatfield '90, Lance Wade '71 and John Stucker '71. Above, left to right: Brian O'Neill '95, Don Richards '96, David Stewart '96 and Angie O'Neill '94.



## 1999 Honorary Knights of St. Patrick

Left to right: Jerry Bayless '59, John Russell, Randy Verkamp '72, Dain Ward and Tom Akers '73. For more photos on the 1999 St. Patrick's celebration see page 17.





## MSM-UMR Alumni Association Mission and Goals

### MISSION

The association will proactively strive to create an environment – embodying communication with and participation by MSM-UMR alumni and friends – to foster strong loyalty to UMR and growth of the association. The association will increase its financial strength as well as provide aid and support to deserving students, faculty, and alumni friends.

### GOALS

- Improve communication with and expand the involvement of alumni – especially recent graduates and current students.
- Increase financial resources of the association and the university.
- Strengthen alumni section activity.
- Increase volunteer support to the university and its students.
- Provide a vehicle for coordination with various alumni organizations.

The officers and other members of the association's board of directors provide leadership and actual participation to achieve these goals and fulfill this mission. For their efforts to be a success, they need YOUR active participation as well, in whatever alumni activities you choose.

## 1930s

**1932**

**Joseph E. Stevens, CerE:** "I celebrated my 90th birthday on March 6, 1999, at home in Washington, Utah."

**1934**

**Robert A. Sackewitz, CE:** "I'm still hanging in there and enjoying a long retirement, thanks to UMR."

**1937**

**Walter L. Holz, ME:** "We moved to California in 1988 to be close to our family. We are enjoying the California weather and sailing on Monterey Bay."

## 1940s

**1942**

**Robert A. Pohl, ChE,** received the Alumni Merit Award from the MSM-UMR Alumni Association. He is a consultant to the president of Slay Industries of St. Louis.

**1947**

**Harold G. Butzer, CE, Prof CE'98,** president and treasurer of Harold G. Butzer Inc., was one of 17 graduates to receive an honorary professional degree from UMR during winter commencement. • **Roy H. Dunham, ME:** "After 9 years as an independent consultant, I fully retired in January 1998. Helen and I moved into a new home in October 1998."

**1949**

**Robert C. Hansen, EE,** is the author of *Phased Array Antennas*, recently published by Wiley. "This is my fifth book!" • **John J. Ratcliff, CE:** "I have been retired 12 years last August. My bride of 48 years continues to sparkle — but I still haven't gotten my golf scores down to my age!"

## 1950s

**1950**

**Robert L. Bloome, CerE:** "Have been retired from GM since November 1987. We have been enjoying our retirement." • **Anibal Jose da Silva, Phys:** "Federal holidays for retirees means disruption of mail service; otherwise, they are meaningless as far as a day off is concerned." • **Ralph E. Johnston, MetE:** "My career has been devoted to manufacturing operations, principally computer-based planning systems. Metallurgical engineering background has been extremely valuable!"

**1951**

**Harry F. Dreeste, Phys:** "Enjoying retirement past several years. Keep busy with house, yard, hobbies, volunteer work, etc. Like working on good old cars (Studebakers), electric trains, and

## Kennedy awarded French Legion of Honor

**Daniel Kennedy,**

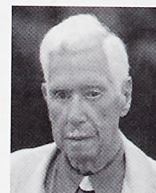
CE'26, celebrated his 99th birthday in a big way this year.

Kennedy, a decorated veteran of both World Wars,

received the French National Order of the Legion of Honor (Chevalier), France's highest honor, during a March 5 ceremony at Fort Leonard Wood's Army Engineer Center.

Kennedy, who was born March 5, 1900, enlisted in the Missouri Army National Guard in May 1917, as the United States entered World War I. He was twice wounded in action in France in 1918. When World War II broke out, Kennedy relinquished his disability status to rejoin the Army and was assigned to serve as a map maker to the Gen. George Patton and the U.S. 3rd Army. Using his cartography skills, Kennedy helped locate some German artillery that threatened advancing U.S. forces. For this service, Patton personally decorated Kennedy with the Bronze Star.

During the March 5 ceremony, Maj. Gen. Robert B. Flowers of Fort Leonard Wood introduced Kennedy as "a real American hero." French Vice Consul Jean Paul Bossuge praised Kennedy as "an American hero, a French hero and a hero of the world."



belong to two old car clubs. Some medical problems, cancer treatment. Doing okay." • **Clark F. Houghton, CE,** of Mid-Missouri Oil Co. in Kaiser at the Lake of the Ozarks, has been elected as the 1999 chairman of the Petroleum Marketers Association of America (PMAA). • **Raymond F. Roller, MGeo:** "Had severe heart attack Nov. 13, 1998 — three weeks in hospital. Home now and recovering. Will take time."

**1952**

**Charles L. Neiheiser, PetE:** "I retired from Shell Oil Co. in 1991 and happy ever after." • **John B. Nolan, CE:** "Married Dorothy Denney on May 24, 1998. Moved to new address at that time."

**1956**

**Ray L. Kollmeyer, EE,** retired from AmerenUE in 1996. • **Donald R. Walter, EE:** "Began retirement on Feb. 1, 1999, after 25-plus years with Machine Products Corp."

**1958**

**Robert J. Boschert, EE:** "I'm working on low-cost hydroelectric power installations for homes in the wilderness. There's no money in it. Just a hobby." • **Robert E. Spratt, Phys:** "I enjoyed reading the newsletter prepared by the physics department." • **Maung A. Thein, MetE:** "I



retired in 1992 at the age of 60 from a government research institute. I'm not working anymore."

#### 1959

**G. Willard Jenkins**, ME, was elected to a second term in the Iowa State House of Representatives. He is retired from Deere & Co.

# 1960s

## 1950 MSM Champion Football Team 50th Reunion of the Conference Champs and Bowl Team

In October 2000, the 1950 football team will celebrate its 50th anniversary. The team not only won the conference title that year for the second year in a row, but also went on to win a bowl game. The team traveled to Bloomington, Ill., to play in the Corn Bowl on Thanksgiving Day 1950 against Illinois Normal. The game was played on a frigid ice- and snow-covered field and was won by the MSM team.

At Homecoming in 1995, a committee was formed to plan a reunion in the year 2000 for the 1950 team and also the members of the 1948 and 1949 teams. Dave Anderson, Dudley Blancke, Sid Duerr, Alden Williams and Don Dowling serve on this committee.

## Football Reunion Committee Members

**Dave Anderson**  
Angel Creek Ranch  
Box 60-100 Clover Valle  
Wells, NV 89835

**Dudley C. Blancke**  
1203 Akers Road  
Hot Springs, AR 71901

**Sid Duerr**  
de Ridge Dr.  
st, AZ 85375

**Alden Williams**  
i, TX 78412

**Don Dowling**  
ams  
ton Hunt Rd.  
MO 63033  
2@juno.com

100930

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## Yes, I want to contribute to the MSM-UMR Miner Track Campaign

Name \_\_\_\_\_

Class Year \_\_\_\_\_

Address \_\_\_\_\_

City/State/ZIP \_\_\_\_\_

Home Phone \_\_\_\_\_

AMOUNT ENCLOSED \_\_\_\_\_

OR AMOUNT PLEDGED \_\_\_\_\_

☐ Total Pledge Enclosed

☐ \_\_\_\_\_ To Be Paid Each Year  
For Three Years

#### METHOD OF PAYMENT:

☐ Check made payable to the  
MSM-UMR Miner Track Campaign

☐ Visa ☐ MasterCard ☐ Discover

Credit Card # \_\_\_\_\_

Exp. Date \_\_\_\_\_

Signature \_\_\_\_\_

### Naming Opportunities for Track Campaign

Track	\$200,000
Lighting	\$200,000
Concession Facility	\$100,000
Meter Marks	\$2,500*

\*Individual meter marks  
may be purchased for \$2,500 apiece.

I would like to be contacted about a naming opportunity  
or gift-in-kind. ☐ Yes ☐ No

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are going very

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retired in 1992 at the age of 60 from a government research institute. I'm not working anymore."

#### 1959

**G. Willard Jenkins**, ME, was elected to a second term in the Iowa State House of Representatives. He is retired from Deere & Co.

## 1960s

#### 1960

**Ronald I. Romano**, ME: "Have merged my company, Kankakee Scrap, with Metal Management Inc. (MTLM on NASDAQ). My sons, Ron and Ryan, will stay long term to operate the company. As for myself, two more years!"

#### 1961

**John C. Latzer**, ME: "After 21-plus years at A.O. Smith Engineered Storage Products (formerly Peabody TecTank) and 13 years prior to that at Mobilefreeze, I retired in March. Bonnie and I continue to live in Parsons, Kan., our home for 35 years. We hope to do some major traveling while we are still able. This year we have made two driving trips to the southwest, cruised to Alaska for two weeks, toured Provence for almost three weeks, and spent a week on the Gulf Coast. I also want to get on the Internet and Bonnie plans to continue with as much of her volunteering as traveling allows. Our son, Jack, just finished his MBA and is looking for a job in the Denver area. Our daughter Linda, new grandson Will, and his dad Joe, live in Memphis, Tenn." • **Paul R. Whetsell**, PE: "I retired from Texaco on Oct. 1, 1998, after 37 years and four months of service. We bought a motor home and plan to travel a lot."

#### 1962

**Donald W. Haas**, ChE: "I returned from assignment in Singapore at the end of February 1999. I retired from Eastman Chemical Co. on March 1, 1999, after almost 35 years of service. We are now involved in building a new home to replace the one we sold when we went on overseas assignment over two years ago." • **Roger P. Hoffman**, EE: "Enjoying semi-retired life; lots of time for golf." • **William R. Jones**, ChE, has been awarded an Exceptional Service Medal by the NASA Lewis Research Center in Cleveland, Ohio, for developing space lubricants and solving numerous tribological anomalies for NASA flight projects.

#### 1963

**Lawrence E. Bell Jr.**, ME: "Have retired from Army Aviation Command. Moving to Southern California for family reasons. Start new job as ride engineer February 1999 at Disneyland."

#### 1964

**Gary L. Voorhis**, EE, MS EE'65: "On Oct. 1, 1998, I retired from General Motors. Arlene and I continue to operate Country Cook Inn and are enjoying our family." • **Chang-Yu Wu**, EE, has been promoted to senior technical staff member at IBM in Poughkeepsie, N.Y.

### 1950 MSM Champion Football Team 50th Reunion of the Conference Champs and Bowl Team

In October 2000, the 1950 football team will celebrate its 50th anniversary. The team not only won the conference title that year for the second year in a row, but also went on to win a bowl game. The team traveled to Bloomington, Ill., to play in the Corn Bowl on Thanksgiving Day 1950 against Illinois Normal. The game was played on a frigid ice- and snow-covered field and was won by the MSM team.

At Homecoming in 1995, a committee was formed to plan a reunion in the year 2000 for the 1950 team and also the members of the 1948 and 1949 teams. Dave Anderson, Dudley Blancke, Sid Duerr, Alden Williams and Don Dowling serve on this committee. Approximately 80 team members would be involved in this reunion, and a letter was sent out to those for whom we had addresses, to see if there was an interest. Many team alumni expressed an interest, so the committee went to work. UMR athletic director Mark Mullin, head football coach Kirby Cannon and Don Brackhahn of the alumni office will be working with the committee to make plans. If you played on one of these teams and haven't received a letter, contact any of the committee members listed at the right or the alumni office and let us know of your interest.

### Football Reunion Committee Members

**Dave Anderson**  
Angel Creek Ranch  
Box 60-100 Clover Valle  
Wells, NV 89835

**Dudley C. Blancke**  
1203 Akers Road  
Hot Springs, AR 71901

**Don Dowling**  
21208 N. Verde Ridge Dr.  
Sun City West, AZ 85375

**Sid Duerr**  
322 Glenmore  
Corpus Christi, TX 78412

**Alden Williams**  
11955 Brampton Hunt Rd.  
Black Jack, MO 63033  
e-mail: atrain2@juno.com

### STRAUSER PROMOTED TO CHIEF OF HYDROLOGIC AND HYDRAULIC ENGINEERING BRANCH

**Claude N. Strauser**, CE'69, was recently promoted to head the Hydrologic and Hydraulic Engineering Branch of the U.S. Army Corps of Engineers' St. Louis District. He replaces another UMR alumnus, **Tom Lovelace** CE'60, who recently retired. Both Strauser and Lovelace are members of the UMR Academy of Civil Engineers, and Strauser is a past president of the academy.

### KALISH RECEIVES PRESTIGIOUS ASM AWARD

**Herbert S. Kalish**, ME'43, retired vice president, technical and international director of Adamas Carbide Corp. and Hertel Cutting Technologies Inc., received ASM International's prestigious William Hunt Eisenman Award for 1998. Kalish is currently a metals and materials consultant in Short Hills, N.J., and has contributed to many textbooks and handbooks. He received the award last October at ASM's annual event in Rosemont, Ill.

The William Hunt Eisenman Award was established in 1960 and recognizes unusual achievements in industry in the practical application of materials science and engineering. Kalish was cited for "outstanding achievements in powder metallurgy in applying scientific principles to commercial utilization in nuclear energy and hard materials applications." ASM International was established in 1913 as the American Society for Metals. Founded primarily by metallurgists, the organization now encompasses all aspects of materials science.

#### 1965

**John W. Dierker**, CE, has been appointed as first vice president to the 1999 executive committee of the Society of American Military Engineers' St. Louis Post. • **Walter C. Mulyca**, ME'64, was a recipient of the 1996-1997 Arthur Vining Davis Award for outstanding team achievement in technology for the development of UltraAlloyTM 6020. • **Bill Vance**, CE'67, MS CE'67: "I now work for Lock 3 Co. as product development manager. Retired from Alcoa Dec. 1, 1998."

#### 1966

**Allen G. Behring**, ME, MS ME'68, PhD ME'72: "Returned recently from a 1.5 year assignment in Bulgaria for start-up of a

hydroelectric power plant. Good to be back in the USA!" • **Charles McDuff**, CE, and wife, Erika, realized they missed their grandchildren and many friends and returned to Marietta, Ga. They had spent the last 2 1/2 years in West Palm Beach, Fla., with a beautiful home on the lake, their own banana trees, a visiting alligator and Oscar the sand hill crane. Charles is in his fourth year at Lewis & Zimmerman Associates Inc. • **Robert E. Pryor**, MST Math, assistant superintendent of Festus (Mo.) School District, will retire in October.

#### 1967

**Kenneth C. Bollinger**, ME, "Recently promoted to vice president of sales at Bulkmat Transport Co. Things are going very



## ALUMNUS NAMED FEDERAL ENGINEER OF THE YEAR

**James D. Wood**, ChE'76, MS ChE'81, of Abingdon, Md., a supervisory chemical engineer with the U.S. Army Center for Health Promotion and Preventive Medicine (CHPPM), was named the 1999 Federal Engineer of the Year Feb. 25 at the annual awards luncheon.

The Federal Engineer of the Year program is sponsored by the National Society of Professional Engineers.

Wood, who also holds a master's degree in environmental engineering from Johns Hopkins University and a master's degree in engineering management from Florida Institute of Technology, is also a lieutenant colonel in the Army Reserves. He is program manager for ambient air quality management for the CHPPM. In that capacity Wood is responsible for resolving complex health-related air quality issues at Department of Defense installations. He also is one of the Army's foremost authorities on environmental auditing.

One of 33 federal engineers under consideration for the award, Wood was presented the Federal Engineer of the Year Founder's Medallion by NSPE President Robert L. Sylar. He also received a plaque as the U.S. Army Medical Command Engineer of the Year.

well in Georgia." • **Roland M. Hill**, EE, director of quality for General Motors North American Operations, retired from GM on Jan. 1, 1999, after a 32-year career.

### 1968

**Bobby T. Cox**, MetE: "Sandy and I are still having fun running Acorn Stamping and enjoying our married children, who all now live near us in Grand Rapids, Mich." • **Robert L. Harmon**, EE, retired from Boeing in



December 1998. • **Richard W. Phelps**, left, MinE, Prof MinE'94, executive editor of Engineering & Mining Journal (E&MJ), has been named to the publication's top editorial position.

### 1969

**David W. Lovell**, ME, MS EMgt'70, is the director for engineering for the Power Group's European operation. They are building a £30M frozen DC for Birdseye-Walls.

## 1970s

### 1970

**Dale M. Bryson**, CSci: "I enjoy the computer science department's newsletter. I am teaching math and computer science at Umpqua Community College (in Roseburg, Ore.). I am teaching my first course in Java and am having a great time. I still remember the days at UMR when we were programming in Fortran using punch cards. We had to wait overnight for the results. The changes in computer science have been exciting. Tell Dr. Billy Gillett hi for me. In addition to teaching, I am chairman of the math and computer science department. Hope to visit UMR sometime in the future."



• **Gerald L. Campbell**, EE, left, has been promoted to associate with Horner & Shifrin Inc. Engineers/Architects/Planners, St. Louis, Mo. • **Larry J. Dean**, EE: "Linda and I have settled in Northern Virginia. I am working on the FBI's next generation Fingerprint Identification System. Our son turned 22 in November and is still in Florida. I read the alumni magazine with great interest. UMR has progressed far since 1970." • **Michael A. Finkelstein**, EMgt: "I am thrilled to report that my wife has been selected as the executive director of the Green Valley Community Coordinating Council, our town's quasi-governmental organization." • **Glen A. Larsen Jr.**, CerE, has been appointed chairman of undergraduate program for the Kelley School of Business at Indiana University, Indianapolis. • **Veo Peoples**, ChE, merged his company, Peoples LLC, with the firm of Haverstock, Garrett & Roberts. The firm specializes in all aspects of intellectual property law. • **Randall L. Rhoads**, ME: "Thought you might find it of interest to hear that I was recently elected to serve as a city councilman for the city of Lee's Summit, Mo. Lee's Summit has a population of approximately 60,000 people and a budget of over \$100 million. I find it interesting how often people comment that it is nice to have an engineer in an elected role in city government. If you have questions or comments, please contact me at rlrhoads@aol.com or by phone at (816) 524-8245." • **Stephen J. Schwedt**, CerE, MS MetE'77, is a group manager in engineering at Boeing Co. and teaches operations management and quality control at Keller Graduate School of Management.

### 1971

**John H. Atkinson**, MS EMgt, "I joined the department of civil and environmental engineering (at Mizzou) and I am teaching Civil Engineering Design I." • **Charles Feldman**, CE, is the new public works director for the city of Ferguson, Mo.

### 1972

**Ron Dierolf**, ChE: "After almost 27 years with the Union Carbide/Lockheed Martin plant in Paducah, Ky., I am starting on a career change. I have joined the staff of the Vertical Heartland Climbing School near Carbondale, Ill., as a part-time climbing instructor. Our Web address is (www.ebl.org/vh/). Gail and I celebrated our 25th wedding anniversary in 1997. Our oldest daughter, Jennifer, graduates from Transylvania University (really!) this coming May." • **Dominic J. Grana**, CE, MS CE'75: "Rosemary and I are still in St. Louis. Son, Dominic, is a professional scout with BSA; our daughter, Emily, is a physical therapist; and David is in college. I've been named midcontinent group manager for Dames and Moore Inc." • **Alan W. McSpadden**, CE: "Mary Ann and I are living in Sikeston, Mo., and are loving it! I'm the assistant manager for the board of municipal utilities. My e-mail address is: (sikmobmu@ltd.net)." • **Phil M. Neeter**, EMgt: "During 1998 I was promoted to director of facility management services at AlliedSignal Federal Manufacturing and Technologies in Kansas City, Mo. Originally from St. Louis, I currently reside with wife, Lynn, in Lee's Summit, Mo." • **Russell P. Pigg**, EE: "Celebrated birth of daughter Oct. 14, 1998: Emily Elizabeth, 7 lbs., 6 ounces. Wife, Mary, is a project manager with Aschinger Electric, St. Louis." • **Michael E. Taylor**, ME, MS EMgt'87, was recently named manager of nuclear engineering at AmerenUE, Callaway plant. Taylor and his wife, Mary, live in Jefferson City, Mo.

### 1973

**Richard L. Emanuel**, EE: "Continue to practice dentistry in South St. Louis County." • **Larry J. Jenkins**, PetE: "Will be part of CMS Energy after Duke Energy Sale of Panhandle Eastern/Trunkline, effective March 29, 1999." • **Herbert C. Krasner**, CSci, MS CSci'75, PhD CSci'80: "Krasner Consulting is now in the software forensics and excellence coaching business. Judy, Bill (23) and Becky (20) are all fine." • **Kent D. Gastreich**, GeoE, MS GeoE: "I moved to Hayden, Rench and Associates in December 1998. We specialize in commercial real estate appraisals, and I added environmental capabilities to the firm." • **Richard H. Shields**, Phys: "I'm chairperson of the physics department at Winona State University."

### 1974

**Louis H. Luth, III**, MetE: "Looks like the foundry at Newport News Shipbuilding has a four-year lease on life, as it cranks up for one more round of aircraft carrier castings. Having lots of fun with my solidification modeling program! Think castings!" • **Gregg A. Miller**, EE, is senior alliance engineer for Border States Electric in Fargo, N.D., which is serving a strategic business relationship with Wisconsin Electric Power Co. of Milwaukee. Miller is the technical team leader at the Pewaukee, Wis., branch. • **DeJuan F. Mojica**, MetE, MS Phys'74, PhD Phys'75: "Now, after being in charge of the total quality area since 1989, I have been promoted to the position of director of technology and product engineering in the company (Nemak). It is fair to give credit to dedication and hard work, but also, and not less, to the solid education in materials



and metallurgy that I received at UMR." • **Charles D. Naslund**, EE, has been elected vice president, power operations, AmerenUE, to manage the overall operations of the five coal- or oil-fired power plants and three hydroelectric power plants. • **Donald R. Orcutt**, CerE, is president of HR Products, a fabricator of heat-resistant products. • **Margaret Poepsel**, AMth: "I am now teaching sixth-, seventh- and eighth-grade math at St. Francis Borgia Grade School in Washington, Mo. I really enjoy it. Also, I do some part-time teaching for East Central Community College. I enjoyed reading about some of my math professors from the 1970s! It brought back memories." • **David A. Rice**, GeoE: "Accepted new position last December, will remain in Dallas area. Our daughter attends Louisiana State University and our son attends the University of Kansas. Andrea is in medical dietetics; Nathan is in computer engineering and is on an athletic scholarship in swimming." • **Blaine T. Stone**, EMgt, retired in 1997.

#### 1975

**Joseph B. Adrian**, Econ: "Tina and I are now grandparents. Olivia was born Sept. 16, 1998, to our daughter, Monica, and her husband, Grant. Joey and Marty are sophomore and freshman at Kirksville High School. Tina and I keep busy following them." • **Daniel F. Cole**,



left, EMgt, MS EMgt'76, has been elected vice president of corporate planning for Ameren Corp. (NYSE: AEE), formerly known as Union Electric. • **Carlton F. Sorrell**, CerE: "Currently working as general manager of Summitville Carolina, a division of Summitville Tiles. Got re-married last year after being single for 13 years. Would be interested in hearing from my classmates from UMR, or even classmates from Rolla High. My wife has never been to Missouri and she is ready to try an Alex's pizza. Hope to see some old friends at 1999 St. Pat's. E-mail: pcforsorrell@hotmail.com." • **James D. Stephens**, Pdd EMgt: "Owner, Buffalo Creek Winery, mile marker 70, Lake of the Ozarks." • **John L. Wegman**, CSci, was recently promoted to consulting client representative. He will also be recognized at the IBM Best Fest celebration for his 1998 accomplishments.

#### 1976



**Charles L. Marsh**, left, CSci: "CIO for Camelot Music since 1995. Camelot was named the winner of the National Retail Federation Retail Innovative Technology Award for 1998 for our data warehouse and repeat performer system." • **Ronald**

**T. Rogge**, CE, Pdd EMgt'80, has been promoted to vice president of J.S. Alberici Construction Co. Inc. in St. Louis. • **Steven C. Virtue**, ME, is currently an engineering manager at PGI Nonwovens.

#### 1977

**Terry A. Sudholt**, CE, continues to work for Spirtas Wrecking Co. of St. Louis as a senior project manager/estimator.

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- ♣ We are happy to announce weddings, births and promotions, after they have occurred.
- ♣ We will mention a spouse's name if it is specifically mentioned in the information provided by the alumnus.
- ♣ The *MSM-UMR Alumnus* will announce deaths if information is submitted by an immediate family member, or from a newspaper obituary.
- ♣ Obituary information on alumni spouses will be printed only if the alumnus/na specifically requests that we print it.
- ♣ We will print addresses if specifically requested to do so by the alumnus submitting the note.
- ♣ We reserve the right to edit alumni notes to meet space requirements.
- ♣ We will use submitted photos as space permits.

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E-MAIL: [alumni@umr.edu](mailto:alumni@umr.edu) FAX: (573) 341-6091; OR WRITE US: MSM-UMR Alumni Association, University of Missouri-Rolla, Castleman Hall, 1870 Miner Circle, Rolla MO 65409-0650

#### 1978

**Keith T. Duncan**, Hist, received the U.S. Navy and Marine Corps Commendation Medal while assigned to the Naval and Marine Corps Reserve Center, Springfield, Mo. Duncan inspired his unit to achieve high levels of mission accomplishment. As a result of his leadership, Duncan's unit was awarded the coveted Capt. Leo V. Bilger Award for the 1997 fiscal year. Duncan was also recently promoted to commander • **Robert A. Kertis**, EE: "I am a senior engineer for IBM in Rochester, Minn. We have four sons, John, 17, James, 14, Jeffery, 11, and Justin, 2. We enjoy traveling to our sons' soccer games and their involvement in boy scouting. E-mail: [kertis@ibm.net](mailto:kertis@ibm.net)."

#### 1979

**Kenneth R. Foster Jr.**, CE: "Ken and Joyce (Hierholzer), CE'83, are proud to announce the arrival of Sierra Lynn Foster to our family on 23 December 1998. She has two sisters, Krystal, 10, and Amanda, 8." • **Brian Ramey**, EE: "The Rameys — Brian and Doritha (Field), CE, MS CE'96 — have moved to Vancouver, Wash., with their family and are loving it."

## 1980s

#### 1980

**Robin L. (Bechtold) Buddell**, ChE, and **Mark Buddell**, PetE'80, are still living outside New Orleans with their four children, Douglas,

Curtis, David, and Kelly. • **Donald E. Guenther**, ChE: "I joined Ferguson Co. as vice president of sales and marketing in November 1998. Our three girls are 11, 9 and 5 now. Debbie and I are learning what it really means to have three young ladies in the house!" • **Dean P. Heneghan**, CE, received the 1999 CECI Merit Award for Engineering Excellence for his firm, Heneghan and Associates, for their Bond Madison Water Co. project. The project was unique in that it serves more than 10,000 people in eight communities and 700 rural households. The \$9 million project included over 90 miles of waterline, 3 tanks and 2 pump stations. • **Karen M. (Downer) Herbert**, ChE, and **Richard "Chester" Herbert**, ME'81, have moved. Their new address is 1822 Brandon Drive, Florence, SC, 29505. Henry (5) and Adam (2) will soon have a southern drawl. Richard is a project engineer at the Smurfit-Stone Mill in Florence. Karen hopes to continue free-lance technical writing. • **Susan A. Leach**, GeoE: "Recently changed jobs, working as a reservoir engineer for a finance company, Cambrian Capital. We finance oil and gas deals." • **Doritha (Field) Ramey**, CE, MS CE'96: "The Rameys (Brian, EE'79, and Dotti) have moved to Vancouver, Wash., with their family and are loving it." • **Eugene T. Watson**, MS GeoE: "I am currently a principal of SECOR International. I work with national commercial real estate clients in assessment and regulatory compliance."

#### 1981

**Scott J. Bohler**, MinE: "I moved back to the private sector in September (Citizen's





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**Peter S. Zimmerman, GeoE'95,**  
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Communications) after 13 1/2 years with New York state. **Marji's** (Psyc'84) full-time job is still our five children, volunteering and chauffeuring!" • **Robert A. Dunlevy, GeoE:** "Reorganization has occurred and I am now in the drinking water/groundwater management branch. I am currently working on the 1996 amendments to the Safe Drinking Water Act." • **Reuben C. Heim, GeoE:** "I manage PC/LAN operations for Tricon at their Pizza Hut headquarters in North Dallas." • **Richard "Chester" Herbert, ME'81, and Karen M. (Downer) Herbert, ChE,** have moved. Their new address is 1822 Brandon Drive, Florence, SC, 29505. Henry (5) and Adam (2) will soon have a southern drawl. Richard is a project engineer at the Smurfit-Stone Mill in Florence. Karen hopes to continue freelance technical writing. • **Robert L. Moore, CSci,** is senior software engineer for SRC Computers Inc. ([www.srccomp.com](http://www.srccomp.com)), a high-performance computer startup in Colorado Springs, Colo. • **Ralph M. Strother, EE,** was promoted to lieutenant colonel in September 1998 while serving as head of a special task force of leading experts in GPS and Acquisition at the Pentagon.

## 1982

**Ernest J. Jones, EMgt, MS EMgt'96:** "Recently moved to Huntsville, Ala., with the U.S. Army Aviation Missile Command as a senior engineer. Enjoying the mild winter here in the 'Dirty South.'" • **Thomas K. Parks, CE:** "In August 1998, left the VA and began working for HBE Corp. in St. Louis as a subcontract manager." • **Jeffrey R. Ramberg, CerE:** "I recently switched patent attorney jobs. In particular, I moved from the rough-and-tumble world of corporate practice to the tranquil waters of private practice in a law firm. E-mail correspondence is welcome: [jeffrey\\_ramberg@shsl.com](mailto:jeffrey_ramberg@shsl.com)." • **Kenneth G. Strobe, CE,** has been promoted to director of field operations and erection services at Butler Construction, the construction services subsidiary of Butler Manufacturing Co.

## 1983

**Cathy (Raidt) Baker, CE:** "Joseph William, born Oct. 23, 1998, joins sisters Erica, 10, Rachel, 7, and Elizabeth, 20 months. **William, ME'84,** and I are enjoying the newest addition." • **Lawrence A. Beck, Econ:** "I am now heaping scorn on neoclassical theory from lecterns scattered about the three campuses of Metropolitan Community College of Omaha." • **Mark M. Bryant, GeoE:** "A merger in the electric utility industry has found me back in St. Louis again." • **Joyce (Hierholzer) Foster, CE:** "Ken, CE'79, and I are proud to announce the arrival of Sierra Lynn Foster to our family on 23 December 1998. She has two sisters, Krystal, 10, and Amanda, 8." • **Duane D. Highley, EE, MS EMgt'91,** has been promoted to director of power production for Associated Electric Cooperative Inc. (AECI). • **Lynn R. (Jones) Miskell, CSci:** "Since Pizza Hut Corp. left Wichita, I am now working for Brite Voice Systems. We write applications for prepaid cellular phone systems, and I'm the engineering planning lead for a product named Brite Debit." • **John M. McNally, CSci,** and Megan Doherty live in University City, Mo. **Bradley A. Pettijohn, ME, MS EMgt'94,** received a master of divinity degree during the



December 1998 ceremony of the Southern Baptist Theological Seminary in Louisville, Ky. • **Michael A. Postiglione**, left, MS EE, Pdd EE'83, Prof EE'97, the managing principal of Avanti Technologies, has been elected a national vice president of the American Consulting Engineers Council for a two-year term. • **Michael A. Seidel**, MS EMgt, has been named vice president of marketing and business development of Fru-Con Construction Corp. • **Robin R. Thompson**, ME: "I now work for Hollister Inc. in Kirksville, Mo. I am a project design engineer. E-mail: robint@cableone.net." • **Susan E. Watson**, CSci: "Still working for IBM and living in Connecticut. Was promoted to director last summer. Responsible for IBM's internal I/T support for nine sites worldwide. E-mail me: susane@us.ibm.com." • **Paul A. Wolfgeher**, CE: "After the closing of the Kelly AFB Project Office, I transferred to the Lackland AFB Resident Office."



## 1984

**William J. Baker**, ME: "Joseph William, born Oct. 23, 1998, joins sisters Erica, 10, Rachel, 7, and Elizabeth, 20 months. **Cathy (Raidt)**, CE'83, and William are enjoying the newest addition." • **Marji Bohler**, BA Psyc: "Scott, MinE'81, and I moved back to the private sector in September (Citizen's Communications) after 13 1/2 years with New York state. My full-time job is still our five children, volunteering and chauffeuring!" • **Matthew R. Cordner**, ME: "I am now managing Bell Helicopter's Year 2000 program worldwide and will soon be manager of CAM in Manufacturing Engineering." • **Joseph E. Crowe**, CE: "Birth of a daughter, Alexa Renee Crowe, on Feb. 12, 1999. She joins her big sister, Danielle, who is now 8 1/2." • **Fouad H. Matragi**, EE, is owner and director of Neuro-Diagnostics Inc., a rehabilitation, physical therapy and diagnostic center. • **Todd W. Rush**, GeoE: "Still not much oil and gas or mineral exploration here at Boeing Aircraft and Missile Systems, unless you consider the JP-5 and/or composites/titanium as geological marvels....NOT!" • **G.E. "Ed" Sewing Jr.**, left, CE, has been promoted to associate with Horner & Shiffrin Inc. Engineers/ Architects/ Planners, St. Louis. • **Robert J. Weir**, AE, MS AE'85: "Hi everyone! I'm back to doing real engineering work after being a project manager for seven years. Real work again! I'm analyzing hypervelocity impacts. Guys love to blow things up!" • **Wei Wu**, MS MinE, now works for CNITC (China National Non-Ferrous Metals Industry Corp.) as assistant to president. He wants to say hello to his old friends in UMR's department of mining engineering. He came to the United States for a short visit in January 1999.



## 1985

**Phyllis (Sage) Altheide**, CSci, MS CSci'92, is the section chief of software engineering at USGS. At home she enjoys her children, Martha, 8, and Paul, 2. • **John M. Burgess**, MetE: "I was promoted this year to director of advanced manufacturing technology for Hayes

Lemmerz." • **Michael J. Dell'Orco**, ME: "Major in U.S. Army; moving to Canberra, Australia in June 1999; enjoying life with wife Tina, Danielle (10), Michael (9), and Thomas (6); hello to all UMR Ruggers." • **William L. Kovacich**, MetE: "Recently accepted the position of metallurgical engineering supervisor at Caterpillar's Advanced Compacting Technology Group in Rockwood, Tenn. Didn't take long to get used to the southern winters! Been enjoying the Smokies and the Knoxville lifestyle." • **Jorge A. Ochoa**, ME: "We (Heidi, Olivia and Jorge) have moved to the Midwest! Jorge now works for a new division of J&J, which is the largest orthopaedic device manufacturer in the U.S." • **Lindle D. Willnow**, CE: "Now a project manager at Metcalf & Eddy, wrapping up a project reviewing the design of the new 425-mgd water treatment plant for Boston, and looking ahead to managing the development of a comprehensive hydraulic model for Cleveland."

## 1986

**James D. Arthur**, PetE: "Still living in Tulsa, Okla., and working for CH2M Hill. I manage the energy, environment and systems in the area. My e-mail is darthur@ionet.net." • **Cecilia A. (Gutierrez) Elmore**, EMgt: "Curt, GeoE'86, and I still enjoy coming back to Rolla for the Miner Invitational Cross Country meet. I'm still waiting for a Miner softball alumni game/reunion." • **David R. Erger**, AE: "I've quit the aerospace industry and now manage a software group for CitiGroup Mortgages. As you can guess, I'm the only aero in those parts." • **Christopher M. Geiger**, CSci, is employed as a senior consultant with Norstan Consulting. He is married with two daughters: Jessica (4) and Kathy (2). • **Mark Hurley**, PetE, is an engineer with local construction firm. His wife, **Lisa (Hoven) Hurley**, EMgt'87, works for GTE. They live in Russellville, Ark., with their two daughters, Cassandra (4) and Savannah, (2). • **Kevin J. Knocke**, EE: "Everyone is doing fine up here in the country. Julie went back to school last fall. Kids are growing up too FAST." • **Paul M. Pericich**, CerE: "I've moved back to St. Louis and am working in Quality Assurance at MEMC. I enjoyed my 1 1/2 yrs." • **Daniel P. Poertner**, CSci: "Charging up sales in the location-specific debit card industry. Main points are currently arcades and laundry." • **Douglas J. Sisco**, ME: "Are there any of the guys from House A still alive? I am still in Clarksville, Mo. Kelsey is 9 and Brock is 7." • **George N. Szatkowski**, EE: "I am now employed in Charlottesville, Va., at the National Ground Intelligence Center working in a compact radar range that operates at 520 GHz."

## 1987

**Darrell W. Angleton**, GeoE: "We merged with another firm to create Herlacher Angleton Assoc. We also hired **Carolyn Edwards**, GeoE'97, as a staff engineer. • **Scott A. Berger**, CSci: "I was recently promoted to corporate systems analyst/manager of Internet- Intranet development at C.D. Smith Healthcare Inc. in St. Joseph, Mo. Also started a company on the Internet in 1998 called EMO Distributors. Look us up on the Web!" • **James E. Melland**, GeoE: "I have gone back into consulting. Passed the PE exam this last October." • **Donald J. Butth**, MS NucE: "Still working for

Sargent and Lundy. Now living in sunny Arizona and working at Palo Verde. Lisa and the kids (Josette and Nathan) are loving the weather. It is good to wear shorts during the day and still be only a two-hour drive from playing in snow." • **John R. Frerking**, CE: "I'm working for Burns and McDonnell in Kansas City. Biggest news — Mary Schmitt agreed to become Mrs. Frerking later this year. I am truly blessed!" • **Radhakrishna Ganesh**, PhD ME'87: "Hello to all the 1984-1987 graduate students. We would like to hear from you so we can send pictures of our daughters over the Internet. Home e-mail: rad.ganesh@get.net." • **Robert T. Gardner**, EMgt, was promoted to national sales manager at Foxboro Analytical, a division of the Foxboro Company, in February 1999. • **Lisa C. (Hoven) Hurley**, EMgt, works for GTE. She lives in Russellville, Ark., with husband **Mark Hurley**, PetE'86. They have two daughters, Cassandra (4) and Savannah (2). Mark is an engineer with local construction firm. • **Kim A. (Je) Mengel**, CE: "I am now working as a cost estimator for power projects with Parsons Energy & Chemicals in Reading, Pa. Dave and I have two boys, Brandon (4) and Shawn (19 months). E-mail: kim\_i\_mengel@parsons.com." • **Helen H. (Scannell) Mongillo**, MS GeoE: "Managing to be a mom of a 4 1/2 year-old daughter and 3-year-old son while working part time and managing a \$1 million construction management project for a \$23 million remedial dredging project. Life is good." • **Linda Tutko**, MetE: "Richard, CSci'88, and I are still in the Air Force, currently in San Antonio, Texas. Future Miner Megan (4 1/2) already loves doing math! Richard is doing computer networking and support and I work personnel issues."

## 1988

**Jennifer (Lynch) Andrzejewski**, AMth, has been named an Associate of the Casualty Actuarial Society (CAS). She earned the designation by successfully completing seven examinations that are administered by the CAS twice each year. Andrzejewski is a consultant at Tillinghast-Towers Perrin in Clayton, Mo. • **Dennis E. Melton**, CE: "I'm now the VP of operations for Hometown Connections, a subsidiary of the American Public Power Association. We moved from Denver to Steamboat Springs, Colo. Jonathan, 8, and Matthew, 6, are enjoying skiing and ice hockey. Linda and I love the lifestyle." • **Thomas W. Nichols**, PetE, MS GeoE'92: "Elizabeth Rose joined our family on Dec. 26, 1998, at 5 a.m. She has a five-year-old sister, Julia Ruth." • **Richard L. Tutko**, CSci: "My wife Linda, MetE'87, and I are still in the Air Force, currently in San Antonio, Texas. Future Miner Megan (4 1/2) already loves doing math! I'm doing computer networking and support and Linda works personnel issues." • **Ron Urton**, CE, MS CE'92, most recently of Shawnee, Kan., has been hired by Shafter, Kline and Warren, an engineering firm contracted by the city of Chillicothe, Mo. He has worked for the Army Corps of Engineers and most recently for a private firm in Shawnee. Urton is a Trenton native and has recently moved with his wife to Chillicothe.



# FUTURE MINERS

**Brian P. Alfredson**, CE'94, and Christy had a boy, Spencer John, on Jan. 1, 1999. He joins sister Morgan Rene.

**William J.**, ME'84, and **Cathy (Raidt) Baker**, CE'83, had a boy, Joseph William, on Oct. 23, 1998. He joins sisters Erica, 10, Rachel 7, and Elizabeth, 20 months.

**Carol A. Bennett**, MS CSci'92, and her husband had a boy, Iain Andrew, on May 7, 1998. He joins brothers Hayden, 4, and Lucas, 2.



**Jim Bertelsmeyer**, ChE'66, is the proud grandparent of Turner James Snapp, pictured at left, born May 4, 1999.

**Douglas L. Brown**, AE'91, and JoBeth had a girl, Shelby Madison, on March 19, 1999.

**Jeffrey S. Burner**, EMgt'95, and Melissa had a boy, Taylor Andrew, on Jan. 2, 1999.

**Paul V. Craven**, MS CSci'96, and Valerie had a girl, Alyssa Joan, on Sept. 24, 1998.

**Joseph E. Crowe**, CE'84, and Cheryl had a girl, Alexa Renee, on Feb. 12, 1999.

**Kenneth R.**, CE'79, and **Joyce E. (Hierholzer) Foster**, CE'83, had a girl, Sierra Lynn, on Dec. 23, 1998. She has two sisters, Krystal, 10, and Amanda, 8.

**Kevin Hagan**, ChE'80, and Dorothy had a girl, Olivia Joan, on Oct. 22, 1998.

**Dean P. Heneghan**, CE'80, and Rita had a boy, Anthony John, on Dec. 21, 1998. He joins Brad, 16, Brian, 13, Doug, 11, and Bernadette, 8.

**Quincy London**, LSci'92, and Nicolee (Shomaker) had a girl, Victoria Jane, on Aug. 24, 1998.

**Thomas W. Nichols**, PetE, MS GeoE'92,

and his wife had a girl, Elizabeth Rose, on Dec. 26, 1998. She has a 5 year-old sister, Julia Ruth.

**Erik S. Ohare**, ChE'92, and Kris had a girl, Megan Elizabeth, on Dec. 10, 1998.

**Russell P. Pigg**, EE'72, and Mary had a girl, Emily Elizabeth, on Oct. 14, 1998.

**Sheila M. (Otto) Roth**, ChE'86, and Dave had a boy, Benjamin Kenneth, on March 2, 1999. He joins Calyn, 2 1/2, and Susan, 1 1/2.

**Jerry**, MetE'89 MS MetE'90, and **Julie (Robinson) Smith**, EE'90, had a boy, Jason Patrick, on March 19, 1998.



**Michael D. Tsai**, ME'92, and Alicia had a girl, Ivy Melicent, on Dec. 16, 1998.

**Matthew L.**, CSci'92, and **Erica L. (Easley) Turley**, LSci'95, had a boy, Logan Matthew, pictured above, right, on Dec. 23, 1998.

**Gregory Weatherford**, EE'89, and Andrea had a girl, Kelsey Nicole, on Dec. 26, 1998.

**Eric Wilkins**, CerE'90 MS CerE'92, and Valerie had a girl, Celia Ann, on Dec. 29, 1998.

**Sunila (Lahiri) Young**, MetE'91, and Robin had a girl, Priya, on Sept. 3, 1998.

**Peter Zimmerman**, GeoE'95, and **Anne T. (Roberson) Hill**, LSci'94, had a boy, Dell Hill Zimmerman, on Feb. 4, 1999.

**If you have a birth announcement or a photo of your new little Miner, send it to us and we'll publish it in an upcoming issue of the magazine.**

## 1989

**John D. Meyers**, EMgt: "Kristy (Weber), EMgt'91, and I are busy raising our 2 1/2 year-old twins in Kansas City. E-mail: jkm@sunflower.org." • **Andy R. Mills**, CSci: "On Dec. 13, 1998, I received a master of science in software engineering from the University of Houston-Clear Lake." • **John J. Newcomer**, CSci, is now working for CitiBank Mortgage Inc. • **Andrew J. Rapoff**, MS EMch, has joined the faculty of the department of aerospace engineering, mechanics and engineering science and the biomedical engineering program at the University of Florida in Gainesville. He is teaching courses in soft tissue and bone mechanics and

conducting research in orthopedic biomechanics. • **Kris (Snyder) Ridenour**, Chem: "We are once again working as boat brokers in Seattle for the winter and hope to take off for another spring and summer in Alaska on our boat. Kris and Bob Ridenour: bob-kris@worldnet.att.net" • **Jerald A. Smith**, MetE, MS MetE'90: "Jerry and Julie (Robinson), BS EE'90, are proud to announce the birth of their first child, Jason Patrick, on March 3, 1998. Julie has traded in her paying engineering job for that of a "domestic" engineer and full-time mom and loves it! Friends can check out our new family (jeralds.home.mindspring.com)." • **Karen D. Squires**, CSci: "I'm the manager, IT Security for Monsanto Co. I graduated from Washington

University's executive MBA program in May 1999." • **John W. Zimmerman**, CE, has been promoted to the position of associate with the transportation group of The Larkin Group Inc.

## 1990s

### 1990

**Laura L. (Schweikhardt) Compton**, CSci: "On Feb. 3, I quit my job to embark on a new career — a stay-at-home mom. Would love e-mail: JANDLZ@concentric.net." • **Ryne P. Raffaele**, PhD Phys: "Will be at NASA Lewis Research Center next year on a sabbatical leave from Florida Tech." • **Theodore T. Riegel**, MS GeoE: "Currently owner of Bacchus and Rockwells Rare Coins and Investments."

### 1991

**Jennifer Cordes**, ME: "I changed jobs a year ago and now work for Earthgrains in St. Louis in the corporate planning department. Prior to this, I was employed with Illinois Power for 6.5 years in Decatur, Ill. Completed my MBA degree back in May 1997." • **Kristy (Weber) Meyers**, EMgt: "John, EMgt'89, and I are busy raising our 2 1/2 year-old twins in Kansas City." • **Stephen Tsoulfanidis**, EMgt: "I am currently a packaging manager with Reckitt and Coleman in St. Peters, Mo. Home is in St. Charles, Mo., with wife, Jill, and daughter, Alayna." • **Sunila (Lahiri) Young**, MetE: "My husband, Robin, and I became the proud parents of Priya, our daughter, on Sept. 3, 1998. My e-mail address is (NEENA1234@aol.com). I am enjoying being a stay-at-home mom."

### 1992

**Carol A. Bennett**, MS CSci: "Our family welcomed a new member in 1998. Iain Andrew Bennett was born May 7. His older brothers Hayden (4) and Lucas (2) were thrilled, as were mom and dad. I'm doing object-oriented development for a digital cross-connect system for Lucent Technologies." • **David M. Brooks**, GGph: "We moved! Tammy (Love), Hist'95, and I bought a money pit. We are restoring a Victorian home built in 1891 in Carondelet." • **Linda L. Falkenhain**, Psyc: "I have opened an office at 1005 Pine St., Rolla, as a private counselor." • **Stephen W. Homan**, CE: "I just resigned from the Army in September; now working as an engineer for the city of Seward, Alaska. I can be reached at (steveh@seward.net)." • **Jonathan C. Johnson**, GeoE: "I completed my Ph.D. at Princeton University this past March in civil engineering. I am working for the USGS in Baltimore, Md." • **Jacob P. Kovel**, EMgt: "Currently on faculty at University of Kansas, department of architectural engineering." • **Erik S. Ohare**, ChE: "My wife, Kris, and I start new jobs (within Dow Corning) in February 1999. Our second child, Megan Elizabeth, was born Dec. 12, 1998. Her older brother, Spencer, now 2 years old, loves having a new baby sister. Look us up if you're ever in the Michigan area!" • **Steve L. Rist**, BA Engl, currently resides in Edwardsville, Ill. He is employed in the graphic ad design services department of Edwardsville Publishing Co., a division of The Hearst Corp. • **Lenard A. Smith**, NucE: "Currently working



for Entergy Operations in Jackson, Miss., in Core Design Group." • **Michael D. Smith**, ChE: "Completing doctor of engineering degree at Texas A&M University. Currently interning with DuPont Specialty Chemicals in Beaumont, Texas. Graduation is December 1999." • **Michael D. Tsai**, ME: "Wife, Alicia, gave birth on Dec. 16, 1998, to Ivy Melicent. Moved to Utah. Still working for Williams as a compression engineer. Would like to know how many Rolla Alumni are in the Salt Lake City area. There needs to be an alumni section here." • **Eric G. Wilkins**, CerE, MS CerE: "Celia Ann Wilkins born on Dec. 29, 1998."

## 1993

**Bryan C. Bross**, GeoE: "Recently passed PE test. Cari and I are excited about what the future holds." Bryan also recently completed a course in Wetlands and 404 Permitting offered by the American Society of Civil Engineers. • **Richard J. Falkenrath**, CE: "Carrie A. Williams, CE'97, and I were married on Oct. 10, 1998, in St. Louis." • **Karen S. (Niehaus) Koenigstein**, CerE: "Mike, CerE'93, and I just built a new house in Columbia, Ill. Mike is employed at Roesch Inc. and is currently the plant manager. Karen started working for CP Clare Corporation in June of 1998 and was recently promoted to quality manager."

## 1994

**Brian P. Alfredson**, CE: "Spencer John Alfredson was born Jan. 1, 1999. He joins sister Morgan Rene. My wife Christy and I live in Carmel, Ind. I am an estimator/engineer for Rieth-Riley Construction Co., a highway contractor located in Indianapolis." • **James A. Anderson**, Phys: "I recently moved back to the St. Louis area. I started work for a design engineering firm back in August. It has been keeping me very busy." • **Courtney C. (Sandford) Birkel**, EnvE: "Married Michael Birkel in October of 1998. Mike and I summited Mt. Rainier in 1998 and are in training to summit Mt. Whitney this June. Working in business development with Black & Veatch." • **Christy Everitt**, LSci: "I have finally finished school!! (for now!) I didn't get enough punishment at UMR, so I went to law school at Mizzou, graduated in May, and passed the bar exam in July. I am now working at Miller & Steeno, P.C., a small general practice law firm in Clayton, Mo. I hope no one ever needs a lawyer, but if you're in the St. Louis area and find that you do, I'd be happy to help. I also want to say congrats to my roomie, **Christy Land**, EE'95, and her soon-to-be better half!" • **James B. Felton**, EMgt, graduated from University of Missouri-St. Louis School of Business in May 1998 with master of business administration degree. • **Bradley S. Gardner**, GeoE: "Kimberly, Max (our Great Dane) and I will be moving to northern Colorado in late March. I will be working for Rocky Mountain Consultants in Longmont." • **Kara E. (Krueger) Ketcherside**, EMgt: "My husband, John Christian Ketcherside, and I continue to reside on the North Carolina coast. Christian has been promoted to the rank of Captain in the U.S. Marine Corps. E-mail: ketch@surfnetl.net." • **Scott R. Sehlin**, PhD Phys: "I am currently living in Bettendorf, Iowa, and am working for Litton Life Support. Christy Ray and I were

married April 17." • **Shawn C. Steen**, Psyc: "Currently working as an intensive in-home service specialist for FOCUS. I graduated in August 1998 from the George Warren Brown School of Social Work at Washington University in St. Louis." • **Brian K. Verman**, Econ: "I took a new job in July 1998 with Friend Consulting Group located in Blue Springs, Mo., as a finance and administration specialist." • **Craig A. Wieden**, GeoE: "Fellow House A and geological engineering friends, send me some e-mail to: cwieden@rmg-engineers.com." • **Michael R. Yerion**, MS EMgt, serves as director of construction management, city of St. Peters."

## 1995

**Scott W. Ashwell**, ME: "We've moved back to St. Louis and are glad to be back home." • **Tammy (Love)**, Hist: "We moved! **David**, GGph'92, and I bought a money pit. We are restoring a Victorian home built in 1891 in Carondelet." • **Timothy W. Harvey**, MS EMgt: "I am currently a staff engineer with Lockheed Martin Astronautics, working satellite power systems in Denver." • **David A. Sims**, CE, has joined Needham and Associates Inc., an Overland Park, Kan., consulting engineering firm, as a structural engineer. • **Michelle "Shelly" (Johnson) Wilde**, ME, is the new owner and instructor of the Florissant Kumon Center. • **Peter S. Zimmerman**, GeoE: "I am working in Geoprobe Systems' R&D department as a geotechnical engineer. My wife, **Anne T. (Roberson) Hill**, LSci'94, and I moved to Salina, Kan., after I finished my master's degree in civil engineering at Iowa State University."

## 1996

**Mark C. Bross**, CE, recently completed a course in Wetlands and 404 Permitting offered by the American Society of Civil Engineers. • **Paul V. Craven**, MS CSci: "Alyssa Joan Craven born Sept. 9, 1998." • **Michael S. Monterastelli**, GeoE: "After graduating in December 1996, I went to work as a wireline field engineer. Although it was a great company and it had a terrific training program, I discovered the oil patch (or anything requiring such consistently long hours away from a shower and bed) was not for me. However, I found a job teaching computer applications (e.g. Microsoft Office, Corel Suite 8, Pagemaker, etc.) and have made Oklahoma and Trinity Lutheran Church in Norman my home. Currently, I'm working towards several computer certifications, including: A+, CNE/MCP, and MOUS (Microsoft Office User Specialist). Peace in Christ!"

## 1997

**Ramin D. Ashrafzadeh**, CE, has joined Horner & Shifrin as a transportation engineer. • **Randy L. Canis**, CSci: "I am accepting an examiner position at the United States Patent Office. I am finishing my law degree at Mizzou in May." • **Carolyn Edwards**, GeoE, has been hired as a staff engineer by Herlacher Angleton Associates. • **Aaron M. Harrison**, CE, has joined Cole & Associates as a project engineer. The firm serves residential and commercial developers, institutions and municipalities in the metro St. Louis area. • **Robert A. Hembrook**, CE, recently joined Dames &

Moore's St. Louis office as an assistant structural engineer. • **Stephen M. Lytle**, ME, recently graduated from the Submarine Officer Basic Course. • **Kurt W. Steinmann**, CE, has been named project manager at United Construction Ent. Co. • **Carrie A. Williams**, CE: "Richard J. Falkenrath, CE'93, and I were married on Oct. 10, 1998 in St. Louis."

## 1998

**Demon Parker**, CE, started with J.S. Alberici Construction Co. Inc. in December 1998.

## Memorials

### Friends:

**Karen Brand**, wife of John R. Brand, EE'68, †March 8, 1997.

**Mary Claridge**, wife of Elmond L. Claridge, ChE'39, MS ChE'41, †Feb. 15, 1999.

**Armond S. Groves Sr.**, ND, †Oct. 21, 1991.

**Edwin Guhse Sr.**, was a UMR professor emeritus, †Dec. 1, 1998.

**Zoe Kaczmarek**, wife of Theodore Kaczmarek, MetE'33, †Dec. 7, 1997.

**Jack Klinkerfuss**, husband of F. Marie (Davis) Klinkerfuss, Chem'42, †July 26, 1998.

**David A. Law**, associate professor emeritus of Russian at UMR, †March 23, 1999.

**Curtis Logan**, husband of Jewel F. Logan, BA Engl'75, †Jan 1, 1999.

**Louis H. Lund**, a UMR faculty emeritus of physics. In addition to his teaching duties, he published a number of research papers on the properties of amorphous materials and the statistical mechanics of phase changes. He received UMR's Outstanding Research Award in 1969. He was a member of the American Physical Society and the Society of Sigma Xi. Louis and his wife, Marian, were living in Farmville, Va. †Dec. 16, 1998

**Sarah McNally**, wife of Ronald "Mike" L. McNally, MS EE'64, †Jan. 16, 1999

**Alleene Sandhaus**, wife of Elmer Sandhaus, CE'42, †Oct. 18, 1998

**Marie Sturges**, wife of Herbert D. Sturges, MetE'40, †Nov. 16, 1998.



## Memorials

1917

Wendell W. Richmond, ND, †June 27, 1992

1920



**Kenneth Aid**, MinE, was a member of Kappa Sigma and Theta Tau while attending MSM. †Jan. 20, 1988

1928

**Theodore Herman**, MetE, worked for Bethlehem Steel Corp. in Bethlehem, Pa., during World War II. In 1948, he joined Kaiser Steel Corp. in Fontana, Calif. He retired from Kaiser several years ago. While attending MSM, he was a member of Theta Tau and ROTC. †Jan. 18, 1999

1931



**John C. Miles**, ME, was a member of Tau Beta Pi while attending MSM. †Dec. 21, 1998

1934

Clyde J. Denton Jr., ND, †Aug. 7, 1998.

1935



**Harold J. Haffner**, ChE, was a member of ROTC, Blue Key and Phi Kappa Theta while attending MSM. †Dec. 30, 1997

1937



**Fred K. Vogt**, ChE, began his career with Laclede Gas and Power then later joined Anheuser-Busch Inc. In 1941, he was called to active duty in the U.S. Army Corps of Engineers at Fort Leonard

Wood, Mo., where he taught weapons training. After World War II, he became an executive with the Boy Scouts of America, first in Joplin, Mo., then in Grand Island, Neb. During the Korean War, he was called back to active duty and assigned to Ankara, Turkey, to build SAC airbases. Deciding to make the military his career, Fred taught ROTC at MSM. He had assignments in Seoul, Korea, and with European Headquarters in Heidelberg, Germany, all interspersed with various tours of duty at Fort Leonard Wood and keeping residency in Rolla. He retired as a colonel in the U.S. Army in 1967 after 20 years of active service. Fred and his wife, Lou, were living in Rolla. †Feb. 1, 1999

1939



**Philip Blazovic Jr.**, MinE, was a member of Blue Key, SME-AIME and Pi Kappa Alpha while attending MSM. His death was reported to UMR on Jan. 26, 1999.



**Thomas L. Harsell Jr.**, ChE, was retired from Harsell Engineering Co. While attending MSM, Thomas played tennis and was a member of the Interfraternity Council, Blue Key and Alpha Chi Sigma. His death was

reported to UMR on Jan. 28, 1999.

1940



**Woodrow L. Burgess**, GGph, was retired from Lockheed Martin. While attending MSM, he was a scholastic leader, a member of Tau Beta Pi and AIME, and received second honors. Woody and his wife, Ruth, were living in

Media, Pa. †June 9, 1998



**Joseph E. Rakaskas**, GGph, Prof GGph '92, was a varsity athlete, class vice president, and a member of ROTC, Sigma Pi, Theta Tau, Blue Key, and SAME while attending MSM. †Jan. 24, 1999



**DeWilton B. Timberman**, MetE, retired in 1978 from Olin Brass after 40 years. He was a varsity athlete while attending MSM. †Jan. 16, 1999

1942

**Roland C. Owens**, MetE, was a member of Kappa Alpha, Miner Board, Interfraternity Council, St. Pat's Board, American Society for Metals and intramural sports while attending MSM. †Dec. 31, 1994

1943



**William D. Kent**, PetE, Prof PetE '73, was a Veteran of World War II, having served on the Battleship USS California as CIC and fighter director officer, earning four Battle Stars in the Pacific

Theater. He was granted the Alumni Achievement Award and an honorary degree in petroleum engineering from UMR in 1976. Kent's entire career was in the offshore drilling industry, starting with Salt Dome Production Co. in 1946. He then spent 24 years with Reading & Bates Drilling Co., 11 as CEO, with service in Mexico City, Tehran and London. Upon his retirement from Reading & Bates in 1984, he founded W.D.

Kent & Co., an offshore drilling rig brokerage firm. Kent and his wife of 53 years, Eileen, were living in Houston, Texas. †Dec. 1, 1998



**Arthur L. Petersen**, MetE, was retired from Shell Oil Co. While attending MSM, he was a member of Kappa Sigma, ROTC band, intramural sports and was on the honor list. Art and his wife, Dot, were living in Austin, Texas.

†Feb. 28, 1995

**Emil T. Ruhle**, EE, †July 17, 1996.

1947

**Eugene D. Barron**, CerE, was a student assistant and a member of Sigma Pi, the American Ceramic Society and student council while attending MSM. Eugene and his wife, Beatrice, were living in Chesterfield, Mo. †Nov. 16, 1998

1949

**Frank J. Cizek**, MS ME, was formerly president of Mototron Inc. Frank and his wife, Marjorie, were living in Bala Cynwyd, Pa. †May 13, 1998



**William E. Hill**, PetE, was a member of Pi Kappa Alpha and played basketball while attending MSM. William's death was reported to UMR on Dec. 31, 1998.

**Richard E. Marting**, ME, EE '50, was a retired staff engineer from Union Electric. While attending MSM, he was a member of ROTC, Tau Beta Pi, ASME, SAME and AIEE, and was on the honor list. Dick and his wife, Betty, were living in St. Louis. †Jan. 9, 1999

**Frank W. Sakonyi**, EE, was retired from Norge. While attending MSM, he was on the honor list. †May 18, 1996

**Clarence W. Thompson**, ChE, was a student assistant and was on the honor list while attending MSM. †Jan. 20, 1999

1950



**Robert N. Brown**, MetE, Prof MetE '77, was retired from AMAX Inc. He was on the honor list while attending MSM. Robert and his wife, Alice, lived in Sun Lakes, Ariz. †Jan. 30, 1998



**Ralph E. Peterson**, ME, was retired from Natural Gas Pipeline. While attending MSM, he was a member of the Engineer Club and ASME, and was on the honor list. He and his wife, Joy, were living in Midland, Texas. †July 8, 1997

**Donald E. Straughan**, ND, †June 29, 1997.





**Vester B. "Brownie" Unsell**, CE, Prof CE'97, was a World War II U.S. Army veteran, and recipient of five Bronze Stars for battles in the European Theater. He worked for the Missouri Highway Department for 38 years, 20 years as

highway district engineer for District 8 in Springfield. While attending MSM, he was a member of Chi Epsilon and American Road Builders, and was on the honor list. Brownie and his wife, Jeanette, were living in Springfield, Mo. †Feb. 6, 1999



**Carson E. Wieland**, MinE, was a former staff engineer for DuPont. While attending MSM, he was a member of Phi Kappa Phi and AIME, and was on the honor list. †Oct. 18, 1997

## 1951



**Theodore H. Gosen**, Chem, was retired from ARCO/Atlantic Richfield Co. While attending MSM, he was a member of Alpha Chi Sigma and was on the honor list. †Oct. 19, 1998



**John Moscari Jr.**, ME, was retired from Lone Star Steel. While attending MSM, he was a member of Chi Sigma, student council, Theta Xi, ASME and "M" Club, and was a varsity athlete. John was affiliated with the Alumni

Association as president of the Ark-La-Tex Section. He and his wife, Loretta, were living in Longview, Texas. †Feb. 23, 1999



**George H. Warner**, CE, was a member of student council, Theta Tau and Phi Kappa Theta, and was on the honor list while attending MSM. He and his wife, Anne, were living in Granville, Ohio. †Jan. 15, 1996



**Julian Weaver**, ME, was a student assistant, a member of Kappa Alpha, ASME and the Interfraternity Council, and was on the honor list while attending MSM. †June 4, 1998

## 1952



**C. Thomas Foster**, CerE, Prof CerE'72, was a member of Blue Key and Sigma Pi, and was on the honor list. Tom and his wife, Betty, were living in St. Charles, Mo. †July 19, 1998

**Walter H. Unger**, MinE, was retired from ARCO/Atlantic Richfield Co. While attending MSM, he was a member of Gamma Delta, Beta Sigma Psi and AIME, and was on the honor list. Walt and his wife, Mary Ruth, were living in Anaconda, Mont. †Dec. 28, 1998

## 1953



**William R. Park**, MinE, was on the honor list while attending MSM. He and his wife, Sue, were living in Overland Park, Kan. †June 9, 1998

## 1955



**Kenneth L. Ponciroli**, MetE, was retired from Laclede Steel Co. While attending MSM, he was a member of student council, ROTC, Newman Club and Engineers Club. Ken and his wife, Ruth, were living in St. Louis. †Feb. 7, 1999

## 1957



**Niels B. Haubold**, MinE, MS MinE'58, began his career in 1959 with Union Carbide at Uravan, Colo. He became an independent uranium contractor from 1963 to 1966. He returned to Union Carbide and was the mine

superintendent of the Deramo Mine, Dove Creek, Colo. In 1976, he became mine manager on the Uravan Mineral Belt. He held this position until 1992 when he retired. While attending MSM, he was a member of SME and Sigma Xi, and was president of the Western Small Miners. Niels and his wife, Peggy, were living in Grand Junction, Colo. †Nov. 25, 1998

## 1959



**Alfred L. Cannell**, ME, was a former employee of Black & Veatch. While attending MSM, he was a member of ASME and Pi Tau Sigma, and was on the honor list. Alfred's death was reported to UMR on Jan. 28, 1999.

**John M. Matheus**, EE, was retired from his practice as a clinical psychologist. He was an avid musician and instrument collector. While attending MSM, he was a member of the International Fellowship, AICHE and band. John and his wife, Shirley, were living in Kirkwood, Mo. †Jan. 27, 1999

**Otis R. Nichols Jr.**, ME, was retired from General Motors-Delco. While attending MSM-UMR, he was a member of Kappa Sigma, SAE and ASME. †March 4, 1994

## 1960



**Paul M. Borsenberger**, MetE, was on the honor list, received first honors, and was a member of Phi Kappa Phi while attending MSM. Paul was living in Hilton, N.Y. †July 17, 1998

## 1964

**Edward J. Berghoff**, ME, was a project engineer for the U.S. Army Corps of Engineers until his retirement in 1997. During his years with the corps, he worked on the Cannon Dam in Hannibal, Mo., and the Melvin Price Locks and Dam in Alton, Ill. He was currently working in Olmsted, Ill., as a consulting engineer for Crawford, Murphy & Tilly Inc. While attending UMR, he was a member of Pi Tau Sigma and Newman Club, and was on the honor list. He and his wife, Barbara, were living in Godfrey, Ill. †Jan. 3, 1999



**Devendra V. Mehta**, ChE, MS ChE'65, came to the United States in 1962 and became a U.S. citizen. He received a doctorate in chemical engineering in the field of polymer science from the University of Akron. During his career he worked for Ames Laboratories in Elkhart, Ind., Gelman Sciences in Ann Arbor, Mich., and was in the process of setting up his own business with Management Recruiters International. While attending UMR, Devendra was a member of Alpha Chi Sigma. He was living in Norwalk, Ohio. †March 15, 1999

**Yun Wang**, MS MetE, was retired from USX Corp. While attending UMR, he was a member of ASM-AIME and was a student assistant. †July 24, 1992

## 1970

**Robert J. Peplaw Jr.**, MS EMgt, was a former consultant data processor for Applied Information Development. He and his wife, Mary Lou, were living in Manchester, Mo. †Dec. 4, 1998

## 1971

**Richard D. Sidelnik**, EE, was a member of Tau Beta Pi and Phi Kappa Phi while attending UMR. †Nov. 16, 1998

## 1977

**Floyd A. Peterson**, MS CSci, †Oct. 13, 1998.

**Brian H. Walter**, CSci, was a former employee of Computer Science Corp. Prior to that he was a senior member on the technical staff of Boeing. Brian and his wife, Terrie, were living in Huntsville, Ala. Walter's death was reported to UMR on Feb. 8, 1999.

## 1993

**Tina L. Gazaway**, ChE, was a member of the UMR band and Tau Beta Sigma. †Jan. 19, 1999.



## Section News



Above: the people who organized the Wichita Boeing "Air Capitol" Section.

### Air Capitol — Our newest section

**Section President**

**Christy Hargrove '96**

**9000 E. Lincoln #1308**

**Wichita, KS 67207**

**(cghargrove@sprynet.com)**

The newest MSM-UMR section, Wichita's "Air Capitol," celebrated its first event on Friday, Jan. 29, 1999, with a dinner in the Coliseum Banquet Room in the Kansas Coliseum and then a wild & wooly hockey game between the Wichita Thunder and the Topeka Scarecrows. Don Brackhahn, director of alumni affairs, and his wife, Nancy, joined the Topeka area alums for this first event.

Those enjoying the dinner, game and special guest appearance of the famous chicken were: *Steven Buchholz '94, Bill Byrne '60, Connie Byrne, Ann Crannell '81, Ralph Cross '66, Martha Cross, Jim Doctorman '80, Donna Doctorman, Bill Dolejsi '98, Stan Farley '78, Kathy Farley, John Goethe '92, Jarrad Grant '98, Christy Hargrove '96, Rob Hepler '93, Derek Hillstrom '97, Paul Inman '67, Delores Inman, Jennifer Marshall '96, Maria Moore '94, Jayson Morand '95, Kirk Peterson '95, Kyndra Fultz, Marshall Philips '94, Jim Purtle '80, Greg Schmittgens '74, Sondra Schmittgens, Randy Schuetz '83, Jil Schuetz, Joseph Terwelp '90, Cecil Wise '93, Paul Woodruff '77, JoAnne Woodruff, and Don and Nancy Brackhahn.*



### Attention Shutterbugs!

We'll be glad to print photos taken at your events — just send them in! They need to be good quality, clear pictures, preferably showing some of the fun at your event. Either color or black and white pictures are acceptable, but please identify those people in the picture. If you send several, we'll pick the best for publication.

## Central Ozarks Section hosts St. Pat's open house

**President Randy J. Verkamp '72, 18112 Highway 8, St. James, MO 65559**

A cold, blustery day greeted early morning risers on Saturday, March 13, as the Central Ozarks Section and the staff of the MSM-UMR Alumni Association opened Castleman Hall to a continental breakfast and Irish beer at 8 a.m. for a pre-St. Pat's Parade get-together. Six future Miners entertained the crowd, Paul, Brad and Jake Winter and especially toddler triplets, Emily, Matthew and Sara Look.

Over 40 past, present and future Miners and friends attended including: *Pat Look '76, DC Look, UMR professor of mechanical & aerospace engineering, Doug Look, Karen Look, and their triplets, Emily, Matthew & Sara, George Karr '92, Paul G. Hartman '77, Nick Quartier '81, Mike Tindill '77, Kim McGinnis '79, Glen Brand '83, Mindy Brand '84, Benjamin Winter '81, Brenda Winter, Bob Wolf '51, Dottie Wolf and their grand kids, Paul, Brad & Jake Winter (all in St. Pat's sweatshirts!); Joel Brand '86, Chancellor and Mrs. John Park, vice chancellor for university advancement Neil Smith, Matt Coco '66, Kathy Coco, Bill Anderson '67, Eric Harris '78, Armin Tucker '40, Norman Tucker '40, H.E. "Butch" Fiebelman '66, Joyce Fiebelman, Bill Todd '49, Chuck Remington '49, Agnes Remington, Don Spencer '52, Mabel Spencer, J. Randy Verkamp '72, Paula Verkamp, Lindsay Lomax Bagnall '76, Nancy Brackhahn, Don Brackhahn, Bob Scanlon '73, Greg Harris, John Smith '51 and UMR's new head football coach, Kirby Cannon, and his wife, Karen.*



Attending St. Pat's Open House are, from left to right: Chuck and Agnes Remington; J. Randy Verkamp, Lindsay Lomax Bagnall and Paula Verkamp.

## Central Ozarks Section celebrates with champagne and the chancellor

Alums and friends met on Sunday, Jan. 17, 1999, for the annual Central Ozarks champagne brunch at Fort Leonard Wood. Chancellor John and Dorcas Park were the special guests of the section as well as alumni association director Don Brackhahn and his wife, Nancy. Special thanks go to Merrill Stevens for organizing this year's event.

Also sharing the liquid January sunshine were *John C. Allen '42, Jerry Berry '49, Marie Loughridge, Ray Collier '49, Jo Collier, Betty Eyberg, JoEd Bowles, Bill Heller, Adele Heller, Mary E. Kirgan '93, Bill Kirgan, John Klug '40, Connie Klug, Dan Paulson '90, Loretta Paulson, Mark Premont '78, Anne Premont, John E. Smith '51, Merrill Stevens '83, John Tyler '75, Meiko Tyler, Randy Verkamp '72, Paula Verkamp, Don Brackhahn, Nancy Brackhahn, John Park and Dorcas Park.*



Central Ozarks Section Champagne Brunch at Fort Leonard Wood, Mo.

## WE WANT YOUR NEWS!

**Deadlines for the next two issues of the  
MSM-UMR Alumnus are:**

**Fall Issue: July 1, 1999 • Winter Issue: Oct. 1, 1999**



## Chicago Section welcomes St. Pat's partyers

**Jim Clifford '77, 1640 Furman Drive, Naperville, IL 60565**  
(Jclifford@casecorp.com)

This early St. Pat's event was held on Sunday, March 7, at the Crossroads Restaurant in Elmhurst, Ill. Nineteen alumni and spouses attending the event this year. The event was coordinated by Paul Pietrzak, Jim Clifford and Patricia Ruma Spence. The agenda included social hour, dinner, introductions, a reminder of the Chicago Section Website: [www.geocities.com/CollegePark/Campus/2405](http://www.geocities.com/CollegePark/Campus/2405), announcement of next event: summer picnic and freshman send-off, July 31, 1999, a reminder of upcoming UMR alumni cruises, scholarship committee report: three scholarship applicants this year, a reminder of volunteers needed for alumni admissions ambassador for the Chicago area. News from Rolla included an update on the Pi Kappa Alpha house fire.

Announcements included a reminder of the St. Patrick's Day Celebration on campus. There was a White Elephant Gift Exchange. The evening was fun and laid back as old friends caught up and new friendships were made. The UMR caps, "Chicago Section," for sale were a big hit, but there are still seven hats to be sold! So get your orders to: Patricia Ruma Spence, 1510 Westbury Circle, North Aurora, IL 60542 (cost is \$14 with delivery).

Those alums and friends in attendance at this party were: *Bob Wilson '62, Julia Wilson, Steve Dunkmann '72, Marla Jedlicka '87, Tim Jedlicka '85, Mark Goldsmith '94, Mellanie Goldsmith, Dale Spence '97, Patricia Ruma Spence '94, Greg Kiaer '84, Amy Stewart '96, Brad Stewart '93, Deirk Feiner '85, Maria Feiner '85, Paul Pietrzak '70, Jim Clifford '77, Mary Clifford, Frank Watson '60, and Janet Watson.*

## Association Members Financial services benefits are available

— Now you can obtain money market account services and certificates of deposit at a competitive rate and help your alumni association at the same time. If you are interested in these financial services, please contact Lindsay Bagnall at the alumni office (573) 341-6327 for more information.

## Bay Area Section Celebrates First Event!

**President Kami Cozort '85, '86, 117 Forest Hill Drive, Clayton, CA 925-673-0437**

The San Francisco Bay Area alumni got together for a St. Pat's barbeque. The party was planned and hosted by Kami (Crane) Cozort '85, '86 and Chris Cozort '88 and was held at their home in Clayton, Calif. There was a good turnout with 36 alums and their spouses/guests attending. Everyone had a good time sharing stories of St. Pat's past (some alums had to be told what "Alice" was) and comparing notes on favorite (and least favorite) professors. Door prizes were awarded for the lowest graduating year, Jerry Littlefield '58, who walked away with the book entitled "The History of MSM-UMR"; the highest graduating year, David Stone '98 and Alison Lawrence '98, who received UMR leather coasters; the oldest St. Pat's sweatshirt, Steve Goldammer '73, who wore home a new UMR T-shirt; and Chuck Hollenbeck '61 won a UMR paperweight just for being Chuck. It was a great time for old friends to renew friendships, network, meet new friends and reminisce about the good ole Rolla days. And just like Rolla, there was no beer left at the end of the party.

Those attending were: *Steve Goldammer '73, Fabia Goldammer, Jarold K. Littlefield '58, Kay Littlefield, Linda McCullough '86, Dave Peacock '64, Laurie Peacock, Don Lee '72, Mira Lee, Brian Flaspohler '90, Kathy (Clapper) Flaspohler '91, Deanna Rozgay '91, Doreen Schulz '91, Charles Hollenbeck '61, David Stone '98, Alison E. Lawrence '98, Bill*

*Lawrence, Dave Robinson '85, Malu Robinson, Nancy Rossetti '91, Alan Rossetti, Ayako Flint '92, Eric Flint, Dinesh Venkatachalam '87, Asha Dinesh, Sam Choi '72, Hae-Ja Choi, Scott Patterson '73, Diane Sauer, Dick Basinger '60, Joyce Basinger, Roger A. Chapin '64, Janie Chapin, Aaron Rezendez, Kami Cozort '85, Chris Cozort '88.*



## Cincinnati/Dayton Section celebrates St. Pat's

**Section President Suzanne Metzner '91**

**3540 Handman Ave., Cincinnati, OH 45208-2218 (metznersg.pg.com)**

A vital Cincinnati/Dayton Section celebrated St. Pat's day with a happy hour at the Bombay Bicycle Club in Sharonville, Ohio on March 19. Becky Duneheew '92 organized the party which was attended by 16 MSM-UMR Ohio alums. One piece of business was conducted, Becky & Matt Duneheew '92 turned over the section's planning activities responsibilities to Skip '85 and Amy Dunham.

Enjoying a Miner's St. Pat's were: *Jay J. Krull '87, Robert C. Wilmesherr '70, Carolyn Wilmesherr, David Cornell '86, Rebecca Duneheew '92, Craig Geil '88, Marianna Geil, Bill Hohnoff '83, Skip Dunham '85, Amy Dunham, Tom Zenge '69, Judy Zenge, Suzanne Metzner '91, Jim Johnson '60, and Betty Johnson.*



MSM-UMR Cincinnati/Dayton alumni of the Cincinnati/Dayton Section enjoying a Christmas Happy Hour at the Bombay Bicycle Club in Sharonville, Ohio.



## Section News

### Kansas City Section roars into action

**Section President Joe Reichert**  
7312 Charlotte Kansas City, MO  
64131-1645 (joe\_reichert@kcmo.org)

The fall of 1998 continued to be an event-filled time for the Kansas City Section. The admissions office, alumni and admissions ambassadors participated in, and represented UMR at 14 local College Fairs in September and October.

October was a particularly busy month. It started with the UMR/Rockhurst College soccer game in Kansas City on Oct. 17. The soccer game was preceded by a Dutch Treat lunch at the Peanut. As luck would have it, the day turned out to be cold, miserable and rain-filled. *Nancy Drissel Spaith '72, her husband, Jim, and Joe Reichert '59* were the brave souls who gathered together for lunch. After numerous lightning and rain delays the women's game was called at the half and the men's game canceled.

Nineteen alumni gathered for the fall social hour Oct. 21 at Tanners Neighborhood Bar and Grill in the Kansas City, Waldo area. *Pat Toby '88, Kevin Como '96, Stephanie Held '98, Anne Cole '98, Mitzi McIntyre-Chism '95, Todd Rastorfer '98, Rob Krewson '96, Stephanie Kelemete '94, Doug Schieszer '94, Denise Ratcliff '94, Amy Swanson '97, Willy Schuman '55, Brady Hays '98, Susan Cutter '93, Bart Smith '81, Richard Warsnak '95, Cliff Tanquary '57, Sean Baird '95 and Joe Reichert '59* attended.

The Section supported the admissions office in a Prospective Student Reception at the Burns and McDonnell World Headquarters in Kansas City on Oct. 24. *Mike McComas '69* served as the host. *Jerry '59 and Jennie '89 Bayless, Mike Hoffman '97 and Joe Reichert '59* were present to provide an alumni perspective of UMR.

The Section is looking forward to a full line of activities during the first half of 1999. They included a Social Hour in January, an accepted prospective student reception in conjunction with the admissions office in February, St. Patrick's Party on March 6, a Social Hour on April 21, the Second Annual Golf Tournament and a joint Alumni and Prospective Student Picnic on June 26. Should you be in the area visiting at any of those times, give a section officer a call for the arrangement details.

## Drive in style

with the new UMR  
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### Kansas City alums invade Brewhaus, celebrate St. Pat's and announce future events

The New Year commenced with one of the better attended social hours that the Kansas City Section has sponsored. Thirty-five alumni and MSM/UMR staff gathered at Barley's Brewhaus in Lenexa, Kan., on Jan. 20 to renew friendships and catch up on the latest campus news.

Attending were *Scott Birdsong '89, '90, Craig Burchett '81, Larry Brewer '68, Eric Gorman '93, Lisa Harrison '99, John Haukap '87, Tom Huffman '97, Cathy Irvin '95 and Travis Irvin '95, Christina Johnson '98, Rob Krewson '96, Cassandra Lewis '92 and Todd Lewis '91, Christina Madrid '98, Christopher Martin '97, Roger McCloud '75, Rachele Middleton '88, Allen Muehler '96 and Chris Muehler '96, Karen Newkirk '95 and Travis Newkirk '93, '94, Ron Pfeiffer '77, JoAnn Pfeiffer, Victor Poland '94, Joe Reichert '59, Patrick Robinson '97, Aimee Tilling '98, Doug Schieszer '94, C.W. (Willie) Schuman '55, Nancey D. Spaith '72, Evan Stark '89, and Jim VanAcker '98.*

Anne Weller and Greg Harris from the development office joined us for the evening. Anne represents the civil and engineering management departments and Greg the aerospace and mechanical departments and the basic engineering program.

March 6 marked the date of the Section's fifth annual St. Patrick's Day observance. This year's event again was held in the Saint Ann's Church Hall in Prairie Village, Kan. We were very pleased to have Kirby Cannon and his wife, Karen, as our guests for the evening. Kirby, the new head football coach, talked about his career path and his aspirations for returning the Miners to a true conference competitor. A number of Miner football alumni were present and agreed that they had no animosity to Coach Cannon by being a member of the SMS Bears football team and playing against the Miners. Coach Cannon related that it was during his student football player years, when the Miners were fielding a competitive football program, that he came to respect the team members as true scholar athletes. After being on other college coaching staffs, he feels privileged to lead a program that places such a high emphasis on the student scholar athlete and preparing that person to be successful in his chosen field upon graduation.

While there was no formal contest on who was wearing the most green that evening, the consensus was that Sam Otto had everyone green with envy. It was not a question of how much green, but what was not green. Jim Van Acker arranged for videotapes of immediate prior years' Follies and Parades. Thank goodness that Sam did not paint his body with the oooh-goohy stuff we saw on the films. The tapes did spark interesting comparisons among the group. For many, they can be accurately quoted as saying, "It sure has changed since I was there." And the more recent alumni saw and recognized fellow classmates.

Those joining in were: *Lu Bolon '59, Sammy Bolon, Susan Cutler '91, Ferrill Ford '78, Debbie Ford, Gary Fouts '67, Barbara Fouts, Paul Galbraith '89, Nancy Galbraith, Larry Gilmartin '64, '66, Carolyn Gilmartin, Brett Goodman '93, Richard Herndon '56, Greg Hicks '76, '80, Cathy Irvin '95, Travis Irvin '95, Stephanie Kelemete '94, Jeff Martin '96, Roger McCloud '75, Teena McCloud, Sam Otto '82, Jane Otto, Denise Ratcliff '94, Ed Reichert '97, Joe Reichert '59, Mary Reichert, Doug Schieszer '94, Charles (Willie) Schuman '55, Evelyn Schuman, Nancey Spaith '72, Jim Spaith, Cliff Tanquary '77, Betty Tanquary, Mike Towle '97, Jim Van Acker '98, Mike Welsh '67, Doug Wesselschmidt '83, Mark Wojtal '92 and John Wright '58 and Dianne Wright.*

**MARK YOUR CALENDAR:** Scheduled Kansas City Section spring events include the second annual alumni golf tournament to benefit the Section Scholarship Fund on June 5 and the Prospective Student/Alumni picnic at Longview Lake on June 26.



## Houston Section watches hockey defeat

**Section President Kevin Hagan '80**  
**4422 Ponca, Pasadena, TX 77504**  
**(moosemate@aol.com)**

A screaming crowd of Houston Aeros fans, included over 47 MSM-UMR alums, family and friends, were on hand Feb. 20, as the Aeros lost to the Las Vegas Thunder. The hockey outing was organized and hosted by Wayne Andreas '58 and his wife, Betty.

Those enjoying the evening were: Sam Gladis '85, Nick Gladis, Luke Gladis, Zeb Nash '72, Robert Nash, Barbara Nash, Theo Nash, Alan Hopkins '89, Diana Hopkins, Jake Hopkins, Harold Chenoweth '70, Katherine Chenoweth, Eric Chenoweth, Mark Warren '90, Mary Warren, Mike Kloxin, Timothy Pikey '93, Melissa Lane '97, Karen Baartel, Rob Baartel, David Gresko '81, Robert Gresko, Jerry Davis '66, '68, Sonja Davis, Dustin Olson '98, Amanda Schultz, Mike Flannigan '81, Rosie Flannigan, Victor Cuevias, Katherin O'Quinn, Sherri Clark '78, Carolyn Wilson, Tom Sheelar, Shanon Buffington '96, Wayne Andreas '58, Betty Andreas and Amy, Matt, Kayde, & Lisa Bramlett.



## Dallas/Ft Worth Section celebrates St. Pat's Day

**Section President Warren Unk '91, 1507 Hayfield Drive, Plano, TX 75023**  
**(wunk@msg.ti.com)**

Saturday, March 20, found Texas Miners and friends celebrating St. Pat's Day at the home of Tom and Sue Hughes in Plano and sharing a few green beers in the Rolla tradition. The evening party included favorite beverages and hors d'oeuvres and new and old friends. Over 25 alums and friends joined together at the Hughes to help make the party "the best ever."

Those sharing the good times were: Terri Childress '84, Curtis Childress '83, Glenn Brand '83, Mindy Brand '84, Anita Sexton '83, Tim Sexton, Warren Unk '91, Ron Smith '70, Annette Smith, Jeanne Barkley '96, Bill Beville, Tricia Schneller '94, Bryan Schneller '95, Tom Hughes '91, Sue Hughes '93, Bob McKee '96, Laura McKee, Jack Hardin '95, '96, Jim Munsey '95, Michael Hallett '67, Chan Hallett, Eric Roddiger '92, David Brandvold '88 and Michele Brandvold.

The Dallas/Ft. Worth Section is planning several events for this summer. Please watch your mail for additional details.

## Motor City Section hosts "First Time in a Long Time" dinner & meeting

**Section President Bob Seaman '69**  
**29812 Briarwood Court,**  
**Farmington Hill, MI 48331**  
**(seamanfamily@juno.com)**

Ginopolis Restaurant in Farmington Hills, Mich., was the site for the "First Time in a Long Time" dinner and meeting for the Motor City Section. Plans were made for hosting UMR students with the solar car project when the team visits the Detroit area. Those sharing stories, e-mail addresses and getting to know each other were: Mary Alexander '71, Charles V. Allen '69, Gerri Allen, Ed VanDerWal '98, K. Don Statler '56, Dee Statler, Yinhe Cao '96, Larry N. McKinnis '66, Patti McKinnis, Bin Hong '91, Jin Yu '94, Robert Seaman '69, Nancy Seaman, Richard Baumann '67, '75, Susan Bauman, David Bryan '71, Patricia Ann Bryan, James R. Murphy '68, Linda L. Murphy, George R. Baumgartner '56, Marsha Baumgartner, Tom Greene '71, Phyllis Greene, Scott Chalmers '83, Michele Swarthout, Gene Fadler '62, Barbara Fadler, Rick Cox '70, Diane Cox, Ronald Schoenbach '70, Ginger Schoenbach, Raymond H. Schaffart '63, Ruth Schaffart, Ron Choura '71, Nancy Choura, Terry Grieve '71 and Patti Hutchinson, alumni association staff.

## MSM-UMR ALUMNI ASSOCIATION LOCAL SECTIONS

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 Oklahoma  
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 Rocky Mountain  
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 Southern California  
 Springfield, MO  
 Tucson  
 West Florida  
 West Texas

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 John W. Hentges '89  
 Charles Germer '55  
 Jerry A. Poland '82  
 Don N. Burzen '70  
 Kami Cozort '85  
 Todd W. Rush '82  
 J. Randy Verkamp '72  
 Jim Clifford '77  
 Suzanne Metzner '91  
 Warren Unk '91  
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 Don Fuller '66  
 Kevin J. Hagan '80  
 Joseph F. Reichert '59  
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 Darleen Westcott '92  
 Thomas H. Rogge '93  
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 Mike Party '78

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 19132 Trailview, San Antonio, TX 78258-4016  
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 11611 Frontier Drive, St. Louis, MO 63146-4852  
 18112 Highway 8, St. James, MO 65559  
 1640 Furman Drive, Naperville, IL 60565  
 3540 Handman Ave., Cincinnati, OH 45208  
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 1531 Huntington Dr., Marietta, GA 30066-5907  
 100 Bentwood Drive, Paducah, KY 42003 0998  
 4422 Ponca Street, Pasadena, TX 77504 3559  
 7312 Charlotte, Kansas City, MO 64131  
 10 Beachview Lane, Springfield, IL 62707-9513  
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 211 Wagonwheel Drive, Jefferson City, MO 65109  
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 29812 Briarwood Ct, Farmington Hills, MI 48331-1921  
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### Mid-MO Section meets at "Bones"

**Section President Darleen Westcott**  
 '92 211 Wagonwheel Drive  
 Jefferson City, MO 65109  
 (nrwestd@mail.dnr.state.mo.us)

A belated St. Pat's Day was celebrated by the Mid-Missouri Section when it welcomed Chancellor and Mrs. Park at "Bones in the Alley." The section announced new officers, took a survey of possible section events, planned a June outing to the Bagnell Dam at the Lake of the Ozarks and discussed establishing a scholarship fund for local students. Those at one table won most of the door prizes which caused some shouts of "fraud" until it was realized that the trustworthy Bob Sfreddo was picking the winners' names.

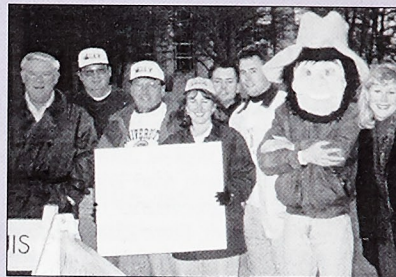
Those enjoying the company and the information and the food and the drinks were: Polly Hendren '73, Larry Hendren '73, Chris Kump '95, Daniel A. Carey '90, James P. DeLong '63, George Poettgen '63, Felicia Poettgen, Bill Luebbert '58, Verna Luebbert, Troy Pinkerton '97, Shannon Pinkerton '96, John Hock '82, Don Shaw '69, Brad Kloeppel '94, Marleen Westcott '92, Mike Fritz '83, Timothy M. Chojnacki '94, Leanne J. Chojnacki '94, Charles Sullivan '80, Greg Kremer '95, Donald Modesitt '58, Linda L. Modesitt, Jacob Careaga '98, Anika Careaga '98, Mark Mais '93, Ray Purvis '74, Susan Harrison '96, Rob Murphy '87, Kristal Murphy, Paul A. Ray '63, Steve Durham '91, Jen Durham, Bruce Stuart '87, Bob Sfreddo '58, Deanna Cash '93, Ben Groner '92, Chancellor John Park, Dorcas Park, and Patti Hutchinson from the alumni office.

### St. Louis Section enjoys private Anheuser Busch brewery tour and Lynch Street Bistro happy hour

**Section President Kelly Thomas**

**837 Glendower Drive, Kirkwood, MO 63122 (kthomas@illinoisamerican.com)**

A total of 41 alumni and guests of the St. Louis Section were treated to a special tour of the Anheuser Busch Brewery on Saturday, Oct. 17. The tour was arranged by Matt Licklider '92, an employee of the brewery. After touring the historic brewery complex, most of the group assembled at the nearby Lynch Street Bistro restaurant where the good times continued over hors d'oeuvres and beverages. Special thanks to the Lynch Street Bistro, owner and alumni John Suarez '67 '84, for the excellent service the group received!



Those alumni and guests attending included: Sean Antle '94, Amy Beadle, Bill Bockman '93, Michelle (Lillard) Bockman '93, Scott Canty '94, Randy Dreiling '81, John Eash '79, '90, Marie Eash, H. Dennis Forsythe '89, Laurie Forsythe, Christine Grunbaum '89, Sam Grunbaum '88, Mike Hurst '92, Phil Jozwiak '66, Barbara Jozwiak, Gary Lee '85, Karen Lee, Ralph Mertz, Don Moyer '68, Linda Moyer, Debra Murphy, Milt Murry '64, '80, Christina Niehaus '94, Kelly O'Hare, Matt Parker '95, Chris Ransom '81, Cheryl Ransom, Kurt Rellergert '88, Karen Rellergert, John Schmidt '91, Brian Scott '91, Toi Scott, Bob Seals '91, Diane Seals '96, David Witt '95, Misty Woodson.

### St. Louis Section sees Miner victory

The MSM/UMR Alumni St. Louis Section finished up its 1998 activities by attending the Miner men's basketball at Maryville University on Dec. 2. Twenty-five alumni and friends were in attendance and cheered as the Miners defeated Maryville 88 to 79. Those alums & friends included Randy Dreiling '81, Marvin Hudwalker '59, Tim Hudwalker '88, and Jeff Kokal '98, himself a former Miner basketball player. The evening started with happy hour at Kick's nightclub, a quarter of a mile down Maryville Center Drive, and then moved to the Simon Athletic Center on the Maryville Campus for the game.

### St. Louis Section gets Ambushed

Miner alumni in St. Louis started off the activities calendar for the year at an Ambush soccer game Jan. 9 at the Kiel Center. The group met at Schmeizing's Scoreboard, just south of Kiel, for happy hour and proceeded to Kiel for the game against the Milwaukee Wave. Among the 25 attendees were Dave Dumoulin '66, Christina Sfreddo '94, Ken Talley '97, Christy Land '95, and Melissa Moore '93.

Upcoming events for the Section include a Cardinals game on June 11 and a golf tournament in July. Attendance at these events is a great way to re-establish friendships made during college (and, incidentally, a great way to get group rates on tickets). If you are interested in attending any events or joining the Section, please contact Bryan Kirchoff at (314) 731-7048 or bryan.k.kirchoff@boeing.com.

### Springfield Section joins the St. Pat's parade

**Section President Roddy Rogers, 2241 E. Powell St., Springfield, MO 65804**  
 (roddy\_rogers@city.util.com)

The Springfield Missouri Section joined the Springfield St. Patrick's Day parade. Alumni rode in the back of Earl Burk's 1941 cab over engine Chevrolet dump truck and dispersed candy to many eager kids along the route. The meticulously restored and well-maintained truck was described by one observer as an "oversized Tonka-truck." Riders included: Earl Burk, his son Trevor Burk, Ronnie Murray '73 and his sister Kathie, who also attended UMR, Roddy Rogers '81, '83, '90 and his sons, future Miners, Cole & Will & their friend Cameron.



## West Florida Section welcomes Chancellor Park

Section President Bill Gammon, 8167 Nice Way, Sarasota, FL

The spring meeting of the West Florida Section was held March 6, at Landry's Seafood House in Tampa, Fla. The section was also pleased to have Chancellor John Park and his wife, Dorcas, as well as Don Brackhahn, executive vice president of the alumni association, and his wife, Nancy, as guests.

Following the reception, President Van Nort welcomed the guests from campus and announced that the next meeting of the section would be held Saturday, Sept. 25. He stated an election of section officers would be held at that meeting and requested that all alums advise him of their nominations.

Don Brackhahn conducted a drawing for door prizes consisting of MSM-UMR memorabilia. Chancellor Park gave an excellent review of current strategies and plans for continued upgrading of campus facilities, and some highlights of research being conducted.

Sharing the food and good times were: *Andreas A. Andrae '41, Jean Andrae, Richard Washburn '50, Mary Washburn, J. Wheeler '53, Margo Wheeler, Bill Oberbeck '39, Doris Oberbeck, John R. Van Nort '50, Pete Simko '60, David Schmitt '80, Kathy Schmitt '83, Charley Zanzie '42, Meg Zanzie, Gerald L. Stevenson '59, '63,*



*Jeannie Stevenson, Earnest J. Reeves '52, Roberta L. Reeves, George H. Bock '50, Vivian M. Bock, Val H. Steiglitz '51, Bob Peppers '50, Peggy Peppers, John K. Olsen '42, Barbara H. Olsen, William H. Gammon '49, Dottie Gammon, Jim Gerard '54, Nancy Gerard, Thomas Finley '39, Angas Finley, Charles Benner '37, Dorothy Benner, Don Brackhahn, Nancy Brackhahn, Chancellor John Park and Dorcas Park.*

## Oklahoma Section celebrates third annual barbeque

Section President, Gary Hines, 6126 S. Xenophon Avenue, Tulsa, OK 74132  
(gary.w.hines@wpg.twc.com)

Dink's Barbeque Restaurant in Bartlesville, Okla., was the scene of the 3rd annual BBQ dinner get-together of the MSM-UMR Oklahoma Section.

Twenty-four alumni and family from Bartlesville and Tulsa gathered together and got caught up with what's happening with each other and UMR. Thanks to Risdon "Hank" Hankinson '60, Bary Warren '85, and Patti Hutchinson, from the alumni office, for sponsoring door prizes and coordinating the event. The Section congratulates Hank for his services with Phillips Petroleum and wishes him, Lyla, and the family nothing but the best and lots of "retirement" fun.

Attending the BBQ were: *Risdon Hankinson '60, Lyla Hankinson, Doug Hankinson, Bary Warren '85, Penny Warren, Gary Warren '77, Bob Pahl '68, Ginny Pahl, Doug Cordier '91, '94, Steven Bridges '74, April Bridges, Bob Reynolds '73, Dennis Glascock '79, Julie Glascock, Denna Glascock, Henry Hachmuth '67, Fatima Hachmuth, Karl Hachmuth, James Hachmuth, Carl Sigler '72, Annette Sigler, Vernon McGhee '42, and Arthur Falkler '67 and Erma Falkler.*



From left: Risdon Hankinson '60 and Vernon McGhee '42.

## Oklahoma Section celebrates Christmas

The Oklahoma Section celebrated the holiday season at Craig & Cindy Bailey's home in Broken Arrow. Those who

attended included: *Russell A. Gund '40, Doug Bonner '93, Jennifer Bonner, Paul Tobben '90, Jane Tobben, Bary Warren*



Jeanne Barkley, left, talking with an unidentified person, and Russ Gund. Gary and Nicole Hines in the background facing the camera.

*Tina Morton, Jeanne Barkley '96, Bill Beville, Brian Cunneen '97.*



Penny and Bary Warren.

*'85, Penny Warren, Doug Cordier '91, '94, Leigh Cordier '92, Tom Sullivan '93, Maria Sullivan, Gary Hines '95, Nicole Hines, Rich Brown '83, Jeff Morton '88,*

## Pacific Northwest Section Pre-St. Pat's Get-Together

Section President Merle F. Hill '70  
3234 78th Pl. NE, Medina, WA 98038  
(mfhill@worldnet.att.net)

On March 15, 1999, alumni and guests from the Pacific Northwest Section met at Jake O'Shaughnessey's for what very well may become an annual St. Pat's Get-Together. This was indeed a unique meeting. Among the 26 attendees were graduates from 7 decades: 30's, 40's, 50's, 60's, 70's, 80's and 90's. Along with good food and good drinks were the wearing of the green (some wore their "old" sweatshirts), stories, jokes and laughter. Finger foods included corn beef sandwiches.

Discussions included the upcoming May 22, 1999, alumni meeting at the St. Michelle Winery with special guest, UMR Chancellor Park. Chancellor Park will be discussing MSM/UMR (past, present and future). We will have the complete winery and grounds to ourselves and will be treated to an evening of culinary delight by renowned chef, author and TV host John Sarich (along with a special wine selection for each specially prepared course). We are hoping for our first meeting with over 100 attendees. Watch your mail for details & invitations. Also planned for 1999 will be a day at Emerald Downs Race Track and a family picnic in the fall. (Continued on the next page)



## Pacific Northwest continued...

Attendees at our first annual St. Pat's party included: *Stephen Wright '68, Susan Wright, Merle Hill '70, Jayne Hill, Keith Wilham '69, Sharon Wilham, Tom Sovar '90, Dharmi Siddaiah '97, Mark Pedigo '97, Patricia Pedigo, Gordon Raymer '49, Gene Gassner '64, Gerald Hammond '50, Kathleen Hammond, Raymond Hartmann '49, Pat Duvall '62, Tim Beckerle '90, Kelly Beckerle '90, Daniel Cohen '89, Kris (Snyder) Ridenour '89, Bob Ridenour, Sandy (Hoelscher) Simmons '80 and Greg Simmons.*

## Maryland/Virginia/ DC Section celebrate St. Pat's

**Section President Robert J. Scanlon '73, 2408 Honeystone Way, Brookeville, MD 20833 (jrscanlon@erols.com)**

Saturday, March 20 found Chancellor John Park and his wife, Dorcas, celebrating a belated St. Pat's Day with a pot-luck party at the home of Bob & Janet Scanlon in Brookeville, MD. Attending that day were more than 40 past Miners & friends and special guest, Matt Ehlers, the section's 1999-00 scholarship winner and his family. Dr. Park spoke excitedly about the happenings on the Rolla campus and answered questions from those gathered. Of special interest to the group was the Pike fire update. Dorcas reminded alums of her need for new recipes for a new UMR cookbook.

Those sharing the sunny spring afternoon with the Chancellor were *Bob Scanlon '73, Janet Scanlon, Dorcas Park, Patti Hutchinson (alumni association staff member), Amy Stirnweis, a guest of Patti's, Dr. Joseph Schumer '92, Gayatri Bhatt '96, Eric Hoehn '86, Doug Hughes '63, Sandy Hughes, Vicki Andreae '70, Dale Robinson, Col. Eric Potts '73, Dr. Mihai G. Sirbu '93, Don Nortrup '67, Nancy Nortrup, Kathy Poneleit '86, Scott '68, Karen Scott, Bob Towell '54, Jan Towell, Kim Fowler '78, Joe Stahl '69, Ed Stigall '61, Judith Stigall, Charles McGrady '67, Dr. John P. and Margaret Kuspa '72, '75, & '76, Cathy Henson '72 and Dr. Ed Henson '71, and their soon to be Miner daughter (enrolling fall '99) Jessica. Matt Ehlers, section scholarship recipient and his parents, Chris & Dr. Layne Ehlers and brother, Brian, a junior in high school and also looking at UMR in his future plans.*

## Upcoming Miner Alumni Events

# Around The Country



### June 1999

- 19 Dallas/ Fort Worth Section Pool Party  
—Glenn & Mindy Brand, 817-581-1828, gbrand@gte.net
- 26 Kansas City Section Prospective Student Picnic Longview Lake  
—Joe Reichert, 816-361-9147, Joe\_Reichert@kcmo.org
- 27 Central Ozarks Section Picnic Meramec Springs  
—Randy Verkamp, 573-265-7141

### July 1999

- 22 Kansas City Summer Social Hour Harpo's in Westport  
—Joe Reichert, 816-361-9147, Joe\_Reichert@kcmo.org
- 24 Ark-La-Tx Louisiana Downs Horse Racing  
—Gene Rand, 903-759-1661
- 25 St. Louis Section Golf Tournament, New Melle Lakes Golf Course  
—Phil Joswiak, 314-997-7440, paj@geotechnology.com
- 31 Chicago Area Student Picnic  
—Jim Clifford, 630-420-8724, Jclifford@casecorp.com

### August 1999

- 28 Highlights of Italy Tour, departs Kansas City  
—Patti Hutchinson, 573-341-6034, pjh@umr.edu
- 29 Rocky Mountain Section Annual Rockies Baseball Game, Rockies Stadium  
—Randy Kerns, 303-530-7297, rkerns@uswest.net

### September 1999

- 3 Heartland of Europe Tour, departs Kansas City  
—Patti Hutchinson, 573-341-6034, pjh@umr.edu
- 4 Highlights of Italy Tour, departs Kansas City  
Patti Hutchinson, 573-341-6034, pjh@umr.edu
- 18 Highlights of Italy Tour departs St. Louis  
—Patti Hutchinson, 573-341-6034, pjh@umr.edu
- 24 Heartland of Europe Tour departs Kansas City  
—Patti Hutchinson, 573-341-6034, pjh@umr.edu
- 25 West Florida Section Fall Luncheon & Meeting  
—John R. Van Nort, 941-351-1616

### October 1999

- 1-2 1999 HOMECOMING, UMR Campus  
—Lindsay Lomax Bagnall, 573-341-6327, Lindsayb@umr.edu
- 5 SPE Convention Alumni Reception, Hyatt Regency Hotel, Houston, TX  
—Don Brackhahn, 573-341-4145, Donb@umr.edu

### FUTURE DATES FOR HOMECOMING:

- October 1-2, 1999
- October 6-7, 2000\*

\*Tentative  
TBA-To Be Announced



**Maxwell C. Weiner**, EE'41, was not only a successful engineer, but also a devoted student of the liberal arts and the humanities. And he has passed his love of the humanities (and liberal arts) on to this campus through an estate gift that will benefit UMR in many ways for years to come.

The Maxwell C. Weiner Endowment for the Campus Performing Arts was announced at the St. Louis Symphony Orchestra performance on campus April 22. The endowment will make possible a performance in Mr. Weiner's name annually. The Campus Performing Arts endowment is one of many gifts that Mr. Weiner's estate has provided for the campus. Others include:

- The Maxwell C. Weiner Missouri Distinguished Professorship for the Humanities, the first ever for the Humanities departments. It establishes a new faculty position to be rotated annually among three departments within the UMR College of Arts and Sciences: English, History and Political Science, and Philosophy and Liberal Arts. The income from that endowed professorship will be matched annually by the state of Missouri under the Missouri Endowed Chair and Professorship Program.

- The Maxwell C. Weiner Endowed Scholarships and Assistantships in the departments of Economics, English, History and Political Science, Management Systems, Philosophy and Liberal Arts, and Psychology

- The Maxwell C. Weiner Program endowments, which provide financial assistance for further strengthening the six academic programs listed above

- The Maxwell C. Weiner International Study Endowment, to provide international study opportunities for UMR students

- Funds in the Dean's Office of the College of Arts and Sciences to further assist and strengthen the humanities and social sciences departments

- Other gifts made possible through Mr. Weiner's gift will be announced in a future edition of the *Alumnus*

Mr. Weiner, who lived in Ballwin, Mo., at the time of his death in February 1998, had worked for Westinghouse Electric (Corporation) throughout his professional career. He worked on and supervised various Westinghouse projects in the United States, supervised the installation of a sugar mill in Mexico and a steel mill in France among other projects. He retired in the early 1970s.

Mr. Weiner always credited MSM-UMR for "playing an enormous role in his engineering career, and for whetting this engineer's appetite for learning and knowledge, which he continued to feed throughout his life," says his sister, **Doris Robbins** (pictured holding a portrait of her brother) of Chesterfield, Mo., the successor trustee of his estate. Max was devoted to lifelong learning and gained an appreciation for the humanities through his extensive travels and studies. He traveled throughout the United States, as well as in the Galapagos Islands, Greece, China, Tibet, the Himalayas, Russia, India, and Sri Lanka, to highlight but a few. He gained additional appreciation of the humanities while taking a year's leave of absence from Westinghouse to study liberal arts at the University of Hawaii, and after retirement, when he took further courses at Meramec Community College in St. Louis. Mr. Weiner then earned a master's degree in liberal arts from Washington University in St. Louis at age 71.

MSM-UMR will forever benefit from the foresight and planning of this exceptional alumnus.

Photo by Bob Phelan/Photomasters



# Max Weiner Donor Profile



**Are you ready for your**

**MISSION?**

**See pages 24-28 for instructions**